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DIRECTORY OF EPA, STATE AND LOCAL ENVIRONMENTAL QUALITY MONITORING AND ASSESSMENT ACTIVITIES

SMITHSONIAN INSTITUTION

PREPARED FOR
ENVIRONMENTAL PROTECTION AGENCY

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The directory describes State and local environmental quality monitoring programs of the United States. It also includes the Environmental Protection Agency's (EPA) national programs and systems which collect, analyze and evaluate these data. It will serve a useful need as a reference and guide for more detailed information.

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DIRECTORY OF EPA, STATE AND LOCAL ENVIRONMENTAL QUALITY MONITORING AND ASSESSMENT ACTIVITIES

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October 1974

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The directory describes State and local environmental quality monitoring programs of the United States. It also includes the Environmental Protection Agency's (EPA) national programs and systems which collect, analyze and evaluate these data.

The survey was undertaken by the Office of Monitoring Systems with support from the Smithsonian Institution. It provides information and a referral guide on environmental quality and pollution programs generating monitoring data for Federal, State, local and public use.

The EPA Program Offices, as well as the States agree that this directory will serve a useful need as a reference and guide for more detailed information. They would like to see it updated annually as State, local and national environmental quality monitoring programs develop and change. We will welcome information and suggestions to improve this directory in the future.

John W. Scotton
Project Officer
Office of Monitoring Systems

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The joint staff of the project acknowledges with great appreciation the cooperation of the many personnel in state and local agencies who graciously confirmed or clarified information on their monitoring activities and the extensive assistance, guidance, and support of the following personnel in the United States Environmental Protection Agency:

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TABLE OF CONTENTS

	Page
ACKNOWLEDGEMENTS	v
EPA ORGANIZATION CHART	x
INTRODUCTION	1
EPA REGIONAL OFFICES AND ADMINISTRATORS	2
SECTION I - AIR QUALITY PROGRAMS	3
• EPA Office of Air Quality Planning and Standards Monitoring and Data Analysis Division	5
• Major Pollutants and Methods of Collection and Analysis	7
• Table of Monitoring Site Types by State	9
• Air Quality Control Regions (AQCR)	10
• Summary of AQCR Monitoring Activities by State	15
SECTION II - WATER QUALITY PROGRAMS	71
• EPA Office of Water Planning and Standards Division of Monitoring and Data Support	73
• Table of Water Quality Monitoring Stations and Number of Observations Made for Selected Parameters by State	75
SECTION III - INTERSTATE WATER CARRIER SUPPLIES PROGRAMS	129
• EPA Office of Water Program Operations Interstate Water Carrier Supplies	131
• List of Pollutant and Parameter Codes Used in Tables	133
• Table of Water Supply Facilities Monitored for Each Parameter in Each State	134
• Statistical Summary of Water Supply Facilities by State	136
SECTION IV - PESTICIDES PROGRAMS	189
• EPA Office of Pesticide Programs Technical Services Division	191
• Directory of Pesticide Program Administrators by State	194

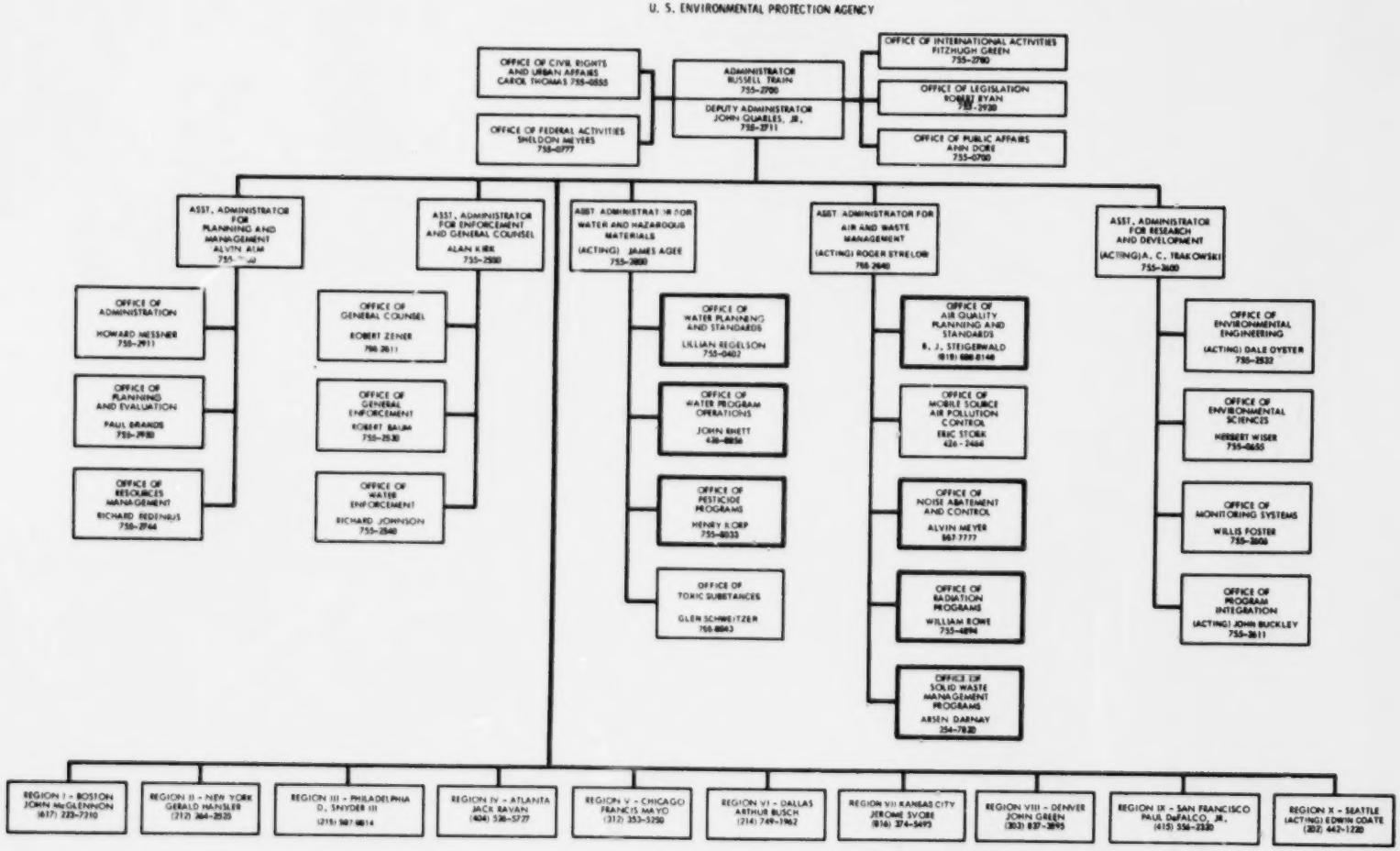
Preceding page blank

TABLE OF CONTENTS (Continued)

	Page
• Descriptions of Pesticide Monitoring Programs by State	218
SECTION V - RADIATION PROGRAMS	263
• EPA Office of Radiation Programs Environmental Radiation Ambient Monitoring System (ERAMS)	265
• Directory of Radiation Program Administrators by State	267
• Statistical Summary of Radiation Monitoring Activities by State	285
SECTION VI - NOISE PROGRAMS	331
• EPA Office of Noise Abatement and Control	333
• Directory of Noise Program Administrators by State	334
• Population Impacted by Various Types of State and Local Noise Legislation	365
• Local Jurisdictions with Intrusive Noise Source Regulations	366
• Local Jurisdictions with Stationary Noise Source Regulations	367
• Local Jurisdictions with Construction Noise Regulations	369
• Local Jurisdictions with Acoustical Criteria for Vehicle Operations and Sale	370
• States with Acoustical Criteria for the Operation and Sale of Recreational Vehicles	371
• Local Jurisdictions with Acoustical Criteria for the Operation and Sale of Recreational Vehicles	372
• States with Acoustical Criteria for Motor Vehicle Operation and for the Sale of New Vehicles	373
SECTION VII - SOLID WASTE PROGRAMS	375
• EPA Office of Solid Waste Management Programs	377
• Types of Legislation by State	380
• Solid Waste Management Characteristics by State	381

TABLE OF CONTENTS (Continued)

	Page
• Existing or Potential Federal and State Hazardous Waste Treatment and Disposal Sites	383
• Selected Potential Areas for Locating Hazardous Waste Treatment and Disposal Sites	384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APRIL 5, 1974

INTRODUCTION

This directory presents descriptions of federal environmental quality monitoring or assessment programs within EPA juxtaposed with corresponding, though not necessarily administratively related, monitoring activities being undertaken at the national, state, and local levels.

The directory appears in seven sections: air, water quality, interstate water carrier supplies, pesticides, radiation, noise, and solid waste. Each section begins with a description of the administration and purpose of the office within EPA charged with the responsibility of data collection or assessment in each of the seven areas. (These seven offices appear in heavy outlines on the EPA organization chart on the facing page.) Each such description is followed by a statistical summary or profile of monitoring activities taking place at the national, state, and local levels.

The purpose of this juxtaposition is to provide an overall picture of monitoring activities taking place throughout the country in the context of EPA's efforts to determine the quality of the nation's environment.

The directory may be used as a guide for contacting appropriate personnel at the federal, regional, state, or local levels dealing with monitoring the environment. In addition, it may be used as a reference source for statistics on and descriptions of monitoring efforts on a state-by-state basis.

All data and information sources contained in the directory were obtained from EPA; detailed descriptions of individual monitoring activities, such as the state and local pesticide monitoring programs, were confirmed and clarified by state and local agencies. Data and information provided by EPA are not uniformly up-to-date and complete; therefore, the directory does not represent an exhaustive account of operational national, state, and local monitoring activities. The directory does, however, provide a first approximation of the types and distribution of monitoring activities on a state-by-state basis.

Questions regarding EPA monitoring or assessment activities should be directed to the appropriate regional office. A listing of regional offices, their directors and telephone numbers appears on the following page.

Inquiries about state and local programs should be directed to the appropriate program administrator or personnel specified in the program description.

Inquiries about the compilation of this directory may be directed to the Smithsonian Institution Center for Short-Lived Phenomena, 60 Garden Street, Cambridge, Massachusetts 02138.

ENVIRONMENTAL PROTECTION AGENCY

REGIONAL OFFICES AND ADMINISTRATORS

Region	Administrator	Telephone
I	John A.S. McGlennon John F. Kennedy Bldg. Room 2203 Boston, MA 02203	617-223-7210
II	Gerald M. Hansler 26 Federal Plaza Room 908 New York, NY 10007	212-264-2525
III	Daniel J. Snyder, III Curtis Building 6th and Walnut Streets Philadelphia, PA 19106	215-597-9801
IV	Jack E. Ravan 1421 Peachtree Street, N.E. Atlanta, GA 30309	404-526-5727
V	Francis T. Mayo 1 North Wacker Drive Chicago, IL 60606	312-353-5250
VI	Arthur W. Busch 1600 Patterson Street Suite 1100 Dallas, TX 75201	214-749-1962
VII	Jerome H. Svore 1735 Baltimore Avenue Kansas City, MO 80203	816-374-5493
VIII	John A. Green 1860 Lincoln Street Suite 900 Denver, CO 80203	303-837-3895
IX	Paul DeFalco, Jr. 100 California Street San Francisco, CA 94111	415-556-2320
X	James L. Agee 1200 6th Avenue Seattle, WA 98101	206-442-1220

SECTION I

AIR QUALITY PROGRAMS

EPA PROGRAM OR OFFICE NAME:

OFFICE OF AIR QUALITY PLANNING
AND STANDARDS
MONITORING + DATA ANALYSIS DIVISION
ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

NELIGAN	ROBERT	DIRECTOR
LAST	FIRST	TITLE

TELEPHONE NUMBER: 919-688-8447

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

MR. WILLIAM COX

TELEPHONE NUMBER: 919-688-8132

INQUIRIES ABOUT THE DATA MAY BE SENT TO:

MR. WILLIAM COX
ADDRESS SAME AS ABOVE

STATUS OF MONITORING AND DATA COLLECTION:

OPERATIONAL

PURPOSE:

USING DATA COLLECTED IN THE EPA STORAGE AND RETRIEVAL OF AEROMETRIC DATA (SAROAD) SYSTEM, THE PURPOSE OF THIS DIVISION IS TO:

1) DETERMINE IF NATIONAL AIR QUALITY STANDARDS ARE BEING ACHIEVED AND MAINTAINED,
2) PROVIDE HISTORICAL ANALYSES OF EMERGENCY EPISODES,
3) DETERMINE LONG-TERM TRENDS IN AIR QUALITY,
4) DEVELOP CONTROL STRATEGIES FOR NATIONAL OR STATE-LEVEL IMPLEMENTATION.

REMARKS:

SAROAD ACTS AS A CENTRAL REPOSITORY FOR DATA COLLECTED BY MONITORING PROGRAMS IN THE FIELD. THESE PROGRAMS INCLUDE THE CONTINUOUS AIR MONITORING PROGRAM (CAMP), WITH SIX SITES LOCATED IN LARGE CITIES, THE NATIONAL AIR SAMPLING NETWORK, WHICH MONITORS ON A NON-CONTINUOUS BASIS IN RURAL AND CITY AREAS, AND VARIOUS INDIVIDUAL AIR MONITORING PROGRAMS ESTABLISHED AT THE STATE AND LOCAL LEVELS, WHICH REPORT DATA TO SAROAD ON A QUARTERLY BASIS.

THE SAROAD SYSTEM DIVIDES AEROMETRIC POLLUTANTS AND PARAMETERS INTO NINE MAJOR CLASSES, DEFINED AS FOLLOWS:

1) SUSPENDED PARTICULATES: SOLID PARTICLES OR LIQUID DROPLETS WITH EFFECTIVE DIAMETERS LESS THAN APPROXIMATELY 100 MICRONS. SUCH PARTICLES HAVE LOW SETTLING VELOCITIES UNDER AVERAGE METEOROLOGICAL CONDITIONS AND THEREFORE TEND TO REMAIN AIRBORNE.

2) SETTLED PARTICULATES: SOLID PARTICLES OR LIQUID DROPLETS OF SUCH SIZE AND DENSITY THAT GRAVITATIONAL DEPOSITION IS THE PRINCIPAL MECHANISM FOR REMOVAL FROM THE ATMOSPHERE, USUALLY AT A RELATIVELY SHORT DISTANCE FROM THE SOURCE. THESE ARE ALSO REFERRED TO AS SETTLEABLE PARTICULATES.

3) RESPIRABLE PARTICULATES: PARTICLES OF SIZE RANGE, DENSITY, AND AERODYNAMIC PROPERTIES THAT TEND TO BE INHALED AND TRAPPED IN THE LOWER RESPIRATORY SYSTEM.

4) GASES AND VAPORS: SUBSTANCES THAT NORMALLY EXIST IN A GASEOUS STATE AT

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AMBIENT TEMPERATURES AND PRESSURES OR THAT EVOLVE FROM LIQUIDS THAT TEND TO VOLATIZE UNDER THESE CONDITIONS.

5) BIOCIDES, ALLERGENS, AND PATHOGENS:
BIOCIDES: COMMERCIAL CHEMICAL PREPARATIONS FOR CONTROL OF SELECTED PLANT, ANIMAL OR INSECT LIFE FORMS.
ALLERGENS: AIRBORNE SUBSTANCES, FREQUENTLY OF PLANT ORIGIN, THAT INDUCE ALLERGIC REACTIONS.
PATHOGENS: VIABLE AIRBORNE MICRO-ORGANISMS OR INFECTIVE AGENTS THAT CAN CAUSE DISEASE.

6) ATMOSPHERIC AND RELATED PARAMETERS: BASIC METEOROLOGICAL PARAMETERS SUCH AS WIND SPEED, WIND DIRECTION, AND RELATIVE HUMIDITY. ALSO GROUND SURFACE CONDITIONS THAT RELATE TO THESE PARAMETERS.

7) BASIC EFFECTS: EFFECTS OF INDIVIDUAL POLLUTANTS OR ANY COMBINATION THEREOF ON HUMAN HEALTH AND SAFETY, ANIMALS, VEGETATION, MATERIALS, AND ESTHETIC VALUES.

8) FRACTIONAL PARTICULATES: PARTICLE SIZE RANGES OF SUSPENDED PARTICULATES AND RELATIONSHIPS TO SUCH PARAMETERS AS COMPOSITION, VISIBILITY, SOILING, AND SYNERGISTIC ACTIVITY.

9) MISCELLANEOUS: THIS CATEGORY WILL INCLUDE ANY DATA NOT ASSIGNABLE TO OTHER SPECIFIC CATEGORIES.

EACH MAJOR CLASS IS DIVIDED INTO NINE SUBCLASSES, AND EACH SUBCLASS IS FURTHER DIVIDED INTO NINE FAMILIES. EACH FAMILY MAY CONTAIN UP TO 99 INDIVIDUAL POLLUTANTS OR PARAMETERS.

****

THE FOLLOWING PORTION OF THE DIRECTORY CONSISTS OF THREE PARTS:

1) A LIST OF POLLUTANTS AND METHODS OF COLLECTION AND ANALYSIS USED BY 95 PERCENT OF CURRENTLY OPERATING CONTROL AGENCIES,
2) A TABLE INDICATING THE NUMBER OF EACH TYPE OF MONITORING SITE IN EACH STATE (SITES THAT ARE NOT CHARACTERIZED AS BEING OF A PARTICULAR TYPE ARE SUMMED IN THE COLUMN HEADED NO INFORMATION),
3) A STATE SUMMARY OF MONITORING ACTIVITIES BY EPA DESIGNATED AIR QUALITY CONTROL REGIONS (AQCR). CODES FOR AQCR ARE PROVIDED PRECEEDING THE SUMMARY. THIS SUMMARY IS BASED ON 1973 DATA.

THE DATA APPEARING IN THE FOLLOWING TABLE AND SUMMARY ARE BASED ON MONITORING SITES THAT ENTER MONITORING DATA IN THE SAROAD SYSTEM. INQUIRIES ABOUT THESE DATA SHOULD BE DIRECTED TO THE APPROPRIATE REGIONAL OFFICE PRIOR TO CONTACTING THE EPA OFFICE OF AIR QUALITY PLANNING AND STANDARDS IN NORTH CAROLINA.

CODES USED IN THE TABLE SUMMING TYPES OF SITES APPEAR BELOW.

SAROAD SITE DESCRIPTION CODES

CODE	TYPE OF LOCATION	
	CENTER CITY OR SUBURBAN	RURAL
1	INDUSTRIAL	NEAR URBAN
2	RESIDENTIAL	AGRICULTURAL
3	COMMERCIAL	COMMERCIAL
4	MOBILE	INDUSTRIAL
5	----------	NONE OF THE ABOVE

THE FOLLOWING METHODS REPRESENT ABOUT 95 PERCENT
OF THOSE USED BY CURRENTLY OPERATING CONTROL AGENCIES (SOURCE: SAROAD
USERS MANUAL, U.S. EPA)

POLLUTANT	METHOD OF COLLECTION	METHOD OF ANALYSIS
TOTAL SUSPENDED PARTICULATE	HI-VOL	GRAVIMETRIC
BENZENE-SOLUBLE ORGANICS	HI-VOL	BENZENE EXTRACTION-SOXHLET
SOILING INDEX (COH/1000LF)	TAPE SAMPLER	TRANSMITTANCE
SOILING INDEX (RUD/1000LF)	TAPE SAMPLER	REFLECTANCE
LIGHT SCATTER	INTEGRATING NEPHELOMETER	
RADIOACTIVITY (GROSS BETA)	HI-VOL	PROPORTIONAL COUNTER
ANTIMONY	HI-VOL	EMISSION SPECTRA
ANTIMONY	HI-VOL	ATOMIC ABSORPTION
ARSENIC	HI-VOL	ATOMIC ABSORPTION
BERYLLIUM	HI-VOL	ATOMIC ABSORPTION
BISMUTH	HI-VOL	ATOMIC ABSORPTION
BARIUM	HI-VOL	ATOMIC ABSORPTION
BORON	HI-VOL	ATOMIC ABSORPTION
CADMIUM	HI-VOL	ATOMIC ABSORPTION
CHROMIUM	HI-VOL	ATOMIC ABSORPTION
COBALT	HI-VOL	ATOMIC ABSORPTION
COPPER	HI-VOL	ATOMIC ABSORPTION
IRON	HI-VOL	ATOMIC ABSORPTION
LEAD	HI-VOL	ATOMIC ABSORPTION
MANGANESE	HI-VOL	ATOMIC ABSORPTION
MOLYBDENUM	HI-VOL	ATOMIC ABSORPTION
NICKEL	HI-VOL	ATOMIC ABSORPTION
MERCURY	HI-VOL	ATOMIC ABSORPTION
SELENIUM	HI-VOL	ATOMIC ABSORPTION
TIN	HI-VOL	ATOMIC ABSORPTION
VANADIUM	HI-VOL	ATOMIC ABSORPTION
ZINC	HI-VOL	ATOMIC ABSORPTION
FLUORIDE	HI-VOL	SPECIFIC ION ELECTRODE
AMMONIUM	HI-VOL	NESSLER
AMMONIUM	HI-VOL	SODIUM PHENOLATE
NITRATE	HI-VOL	2-4 XYLENOL
NITRATE	HI-VOL	REDUCTION-DIAZO COUPLING
SULFATE	HI-VOL	COLORIMETRIC
SULFATE	HI-VOL	TURBIDIMETRIC
BENZO(A)PYRENE	HI-VOL	THIN-LAYER CHROMATOGRAPHY
TOTAL PARTICULATES	BUCKET OR JAR	GRAVIMETRIC
SULFATION RATE	LEAD PLATE	GRAVIMETRIC
SULFATION RATE	LEAD PLATE	POTASSIUM CARBONATE
SULFATION RATE	LEAD CANDLE	GRAVIMETRIC
SULFATION RATE	LEAD CANDLE	TITRIMETRIC
CARBON MONOXIDE	INSTRUMENTAL	NONDISPERSIVE INFRARED
SULFUR DIOXIDE	INSTRUMENTAL	WEST-GAEKE COLORIMETRIC
SULFUR DIOXIDE	INSTRUMENTAL	CONDUCTOMETRIC
SULFUR DIOXIDE	INSTRUMENTAL	COULOMETRIC
SULFUR DIOXIDE	GAS BUBBLER	WEST-GAEKE
SULFUR DIOXIDE	GAS BUBBLER	CONDUCTOMETRIC
NITRIC OXIDE	INSTRUMENTAL	COLORIMETRIC
NITROGEN DIOXIDE	INSTRUMENTAL	COLORIMETRIC
NITROGEN DIOXIDE	GAS BUBBLER	JACOBS-HOCHHEISER

OXIDES OF NITROGEN	INSTRUMENTAL	COLORIMETRIC
AMMONIA	GAS BUBBLER	NESSLER
AMMONIA	GAS BUBBLER	SODIUM PHENOLATE
ALDEHYDE	INSTRUMENTAL	COLORIMETRIC
TOTAL OXIDANTS	INSTRUMENTAL	ALKALINE KI
TOTAL OXIDANTS	INSTRUMENTAL	NEUTRAL KI COLORIMETRIC
TOTAL OXIDANTS	GAS BUBBLER	ALKALINE KI
TOTAL OXIDANTS	GAS BUBBLER	PHENOLPHTHALEIN
OZONE	INSTRUMENTAL	CHEMILUMINESCENCE
METHANE	INSTRUMENTAL	FLAME IONIZATION
HYDROCARBON	INSTRUMENTAL	FLAME IONIZATION
WIND SPEED	INSTRUMENTAL	
WIND DIRECTION	INSTRUMENTAL	

SAROAD - NUMBER OF STATION TYPES FOR EACH STATE

	CENTER CITY				SUBURBAN				RURAL					REMOTE	NO INFO.	TOTAL
	1	2	3	4	1	2	3	4	1	2	3	4	5			
ALABAMA	16	12	0	0	46	22	5	0	10	39	6	0	0	18	78	246
ALASKA	0	0	0	0	0	0	0	0	0	0	0	0	0	8	41	49
ARIZONA	0	0	0	0	0	0	0	0	0	0	0	0	0	14	157	171
ARKANSAS	2	4	0	0	10	7	0	0	18	10	0	0	0	1	33	91
CALIFORNIA	0	0	5	9	4	9	5	12	4	5	9	24	4	10	189	282
COLORADO	15	1	0	0	14	2	0	0	24	6	0	0	0	2	72	138
CONNECTICUT	1	0	0	0	3	0	0	0	0	0	0	0	0	1	200	205
DELAWARE	0	0	0	0	0	0	0	0	0	0	0	0	0	2	29	31
DIST. OF COL.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24
FLORIDA	58	11	18	0	74	11	25	8	51	13	22	6	0	49	166	532
GEORGIA	1	9	0	0	5	11	2	0	9	12	1	2	3	1	108	164
HAWAII	0	0	0	0	0	0	0	0	0	2	0	0	0	3	27	30
IDAHO	13	0	0	0	13	0	0	0	5	0	0	0	0	12	60	103
ILLINOIS	11	0	0	10	29	1	4	14	21	0	5	10	1	7	310	423
INDIANA	3	32	11	9	2	48	24	12	10	40	7	11	0	4	89	302
IOWA	5	17	9	0	4	6	10	0	5	10	39	1	0	2	551	662
KANSAS	0	1	6	0	6	2	20	0	8	11	23	0	0	0	26	103
KENTUCKY	12	2	2	1	57	24	42	1	38	29	5	4	0	15	94	319
LOUISIANA	4	0	0	0	1	3	0	0	3	6	0	0	0	2	39	58
MAINE	0	0	0	0	3	0	0	0	2	0	0	0	0	0	29	34
MARYLAND	0	0	0	0	30	0	0	0	14	0	0	0	0	16	133	202
MASSACHUSETTS	18	2	0	0	14	2	0	0	14	4	0	0	0	0	108	162
MICHIGAN	4	1	6	4	6	7	12	1	6	9	18	8	22	5	222	331
MINNESOTA	19	8	1	10	36	38	23	12	17	21	12	5	0	7	175	384
MISSISSIPPI	3	0	0	0	6	4	0	0	20	5	0	0	0	0	17	55
MISSOURI	5	17	3	10	9	18	10	13	10	17	2	10	0	5	140	269
MONTANA	27	0	0	0	93	0	0	0	31	0	0	0	0	51	187	389
NEBRASKA	1	3	0	0	7	0	0	0	10	5	0	0	0	2	54	82
NEVADA	0	0	0	0	0	0	0	0	0	0	0	0	0	8	72	80
NEW HAMPSHIRE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	79	80
NEW JERSEY	0	3	8	2	6	5	11	2	8	10	14	3	9	0	60	141
NEW MEXICO	9	0	0	0	10	0	0	0	10	0	0	0	0	14	100	152
NEW YORK	8	15	1	8	9	10	3	13	6	11	3	20	21	9	359	505
NORTH CAROLINA	11	14	9	3	15	16	5	9	18	10	15	5	0	10	217	363
NORTH DAKOTA	3	0	0	0	1	0	0	0	3	0	0	0	0	0	19	26
OHIO	8	11	36	8	11	19	39	19	22	32	31	14	4	9	264	597
OKLAHOMA	6	7	6	0	18	10	14	0	27	36	13	0	0	12	40	198
OREGON	25	0	0	0	24	0	0	0	59	0	0	0	0	29	160	284
PENNSYLVANIA	10	3	4	8	9	2	1	11	5	6	3	9	7	11	527	616
PUERTO RICO	0	0	0	0	0	0	0	0	1	0	0	0	0	0	15	17
RHODE ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
SOUTH CAROLINA	15	0	0	0	6	8	0	0	27	12	0	0	0	3	48	119
SOUTH DAKOTA	1	0	0	0	1	0	0	0	8	2	0	0	0	0	9	20
TENNESSEE	13	5	15	0	52	47	56	0	26	19	17	0	0	20	188	445
TEXAS	13	19	14	0	32	28	14	2	41	41	42	3	44	6	193	492
UTAH	2	0	0	0	2	0	0	0	4	0	0	0	0	2	31	41
VERMONT	0	0	0	0	0	0	0	0	0	2	0	0	0	0	17	17
VIRGINIA	17	17	7	0	27	18	12	0	10	12	1	0	0	56	304	488
WASHINGTON	12	16	0	0	27	15	0	0	25	36	0	0	0	22	161	314
WEST VIRGINIA	2	0	0	0	5	2	0	0	4	1	0	0	0	3	74	95
WISCONSIN	17	16	7	5	8	26	7	5	8	41	4	7	0	2	137	290
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0	0	1	25	26
TOTALS	390	246	168	87	744	432	353	134	644	497	286	142	115	478	6532	11250

AQCR CODE	AIR QUALITY CONTROL REGION (AQCR)
1	ALABAMA AND TOMBIGBEE RIVERS
2	COLUMBUS-PHENIX CITY
3	EAST ALABAMA
4	METROPOLITAN BIRMINGHAM
5	MOBILE-PENSACOLA-PANAMA CITY-SOUTHERN MISSISSIPPI
6	SOUTHEAST ALABAMA
7	TENNESSEE RIVER VALLEY-CUMBERLAND MOUNTAINS
8	COOK INLET
9	NORTHERN ALASKA
10	SOUTH CENTRAL ALASKA
11	SOUTHEASTERN ALASKA
12	ARIZONA-NEW MEXICO-SOUTHERN BORDER
13	CLARK-MOHAVE
14	FOUR CORNERS
15	PHOENIX-TUCSON
16	CENTRAL ARKANSAS
17	METROPOLITAN FORT SMITH
18	METROPOLITAN MEMPHIS
19	MONROE-EL DORADO
20	NORTHEAST ARKANSAS
21	NORTHWEST ARKANSAS
22	SHREVEPORT-TEXARKANA-TYLER
23	GREAT BASIN VALLEY
24	METROPOLITAN LOS ANGELES
25	NORTH CENTRAL COAST
26	NORTH COAST
27	NORTHEAST PLATEAU
28	SACRAMENTO VALLEY
29	SAN DIEGO
30	SAN FRANCISCO BAY AREA
31	SAN JOAQUIN VALLEY
32	SOUTH CENTRAL COAST
33	SOUTHEAST DESERT
34	COMANCHE
35	GRAND MESA
36	METROPOLITAN DENVER
37	PAWNEE
38	SAN ISABEL
39	SAN LUIS
40	YAMPA
41	EASTERN CONNECTICUT
42	HARTFORD-NEW HAVEN-SPRINGFIELD
43	NEW JERSEY-NEW YORK-CONNECTICUT
44	NORTHWESTERN CONNECTICUT
45	METROPOLITAN PHILADELPHIA
46	SOUTHERN DELAWARE
47	NATIONAL CAPITAL
48	CENTRAL FLORIDA
49	JACKSONVILLE-BRUNSWICK
50	SOUTHEAST FLORIDA
51	SOUTHWEST FLORIDA
52	WEST CENTRAL FLORIDA
53	AUGUSTA-AIKEN
54	CENTRAL GEORGIA

55	CHATTANOOGA
56	METROPOLITAN ATLANTA
57	NORTHEAST GEORGIA
58	SAVANNAH-BEAUFORT
59	SOUTHWEST GEORGIA
60	HAWAII
61	EASTERN IDAHO
62	EASTERN WASHINGTON-NORTHERN IDAHO
63	IDAHO
64	METROPOLITAN BOISE
65	BURLINGTON-KEOKUK
66	EAST CENTRAL ILLINOIS
67	METROPOLITAN CHICAGO
68	METROPOLITAN DUBUQUE
69	METROPOLITAN QUAD CITIES
70	METROPOLITAN ST. LOUIS
71	NORTH CENTRAL ILLINOIS
72	PADUCAH-CAIRO
73	ROCKFORD-JANESVILLE-BELOIT
74	SOUTHEAST ILLINOIS
75	WEST CENTRAL ILLINOIS
76	EAST CENTRAL INDIANA
77	EVANSVILLE-OWENSBORO-HENDERSON
78	LOUISVILLE
79	METROPOLITAN CINCINNATI
80	METROPOLITAN INDIANAPOLIS
81	NORTHEAST INDIANA
82	SOUTH BEND-ELKHART-BENTON HARBOR
83	SOUTHERN INDIANA
84	WABASH VALLEY
85	METROPOLITAN OMAHA-COUNCIL BLUFFS
86	METROPOLITAN SIOUX CITY
87	METROPOLITAN SIOUX FALLS
88	NORTHEAST IOWA
89	NORTH CENTRAL IOWA
90	NORTHWEST IOWA
91	SOUTHEAST IOWA
92	SOUTH CENTRAL IOWA
93	SOUTHWEST IOWA
94	METROPOLITAN KANSAS CITY
95	NORTHEAST KANSAS
96	NORTH CENTRAL KANSAS
97	NORTHWEST KANSAS
98	SOUTHEAST KANSAS
99	SOUTH CENTRAL KANSAS
100	SOUTHWEST KANSAS
101	APPALACHIAN
102	BLUEGRASS
103	HUNTINGTON-ASHLAND-PORTSMOUTH-IRONTON
104	NORTH CENTRAL KENTUCKY
105	SOUTH CENTRAL KENTUCKY
106	SOUTHERN LOUISIANA-SOUTHEAST TEXAS
107	ANDROSCOGGIN VALLEY

108	AROOSTOOK
109	DOWN EAST
110	METROPOLITAN PORTLAND
111	NORTHWEST MAINE
112	CENTRAL MARYLAND
113	CUMBERLAND-KEYSER
114	EASTERN SHORE
115	METROPOLITAN BALTIMORE
116	SOUTHERN MARYLAND
117	BERKSHIRE
118	CENTRAL MASSACHUSETTS
119	METROPOLITAN BOSTON
120	METROPOLITAN PROVIDENCE
121	MERRIMACK VALLEY-SOUTHERN NEW HAMPSHIRE
122	CENTRAL MICHIGAN
123	METROPOLITAN DETROIT-PORT HURON
124	METROPOLITAN TOLEDO
125	SOUTH CENTRAL MICHIGAN
126	UPPER MICHIGAN
127	CENTRAL MINNESOTA
128	SOUTHEAST MINNESOTA-LA CROSSE
129	DULUTH-SUPERIOR
130	METROPOLITAN FARGO-MOORHEAD
131	MINNEAPOLIS-ST. PAUL
132	NORTHWEST MINNESOTA
133	SOUTHWEST MINNESOTA
134	MISSISSIPPI DELTA
135	NORTHEAST MISSISSIPPI
136	NORTHERN PIEDMONT
137	NORTHERN MISSOURI
138	SOUTHEAST MISSOURI
139	SOUTHWEST MISSOURI
140	BILLINGS
141	GREAT FALLS
142	HELENA
143	MILES CITY
144	MISSOULA
145	LINCOLN-BEATRICE-FAIRBURY
146	NEBRASKA
147	NEVADA
148	NORTHWEST NEVADA
149	NEW HAMPSHIRE
150	NEW JERSEY
151	NORTHEAST PENNSYLVANIA-UPPER DELAWARE VALLEY
152	ALBUQUERQUE-MID RIO GRANDE
153	EL PASO-LAS CRUCES-ALAMOGORDO
154	NORTHEASTERN PLAINS
155	PECOS-PERMIAN BASIN
156	SOUTHWESTERN MOUNTAINS-AUGUSTINE PLAINS
157	UPPER RIO GRANDE VALLEY
158	CENTRAL NEW YORK
159	CHAMPLAIN VALLEY
160	GENESEE-FINGER LAKES
161	HUDSON VALLEY

162	NIAGARA FRONTIER
163	SOUTHERN TIER EAST
164	SOUTHERN TIER WEST
165	EASTERN MOUNTAIN
166	EASTERN PIEDMONT
167	METROPOLITAN CHARLOTTE
168	NORTHERN COASTAL PLAIN
169	SANDHILLS
170	SOUTHERN COASTAL PLAIN
171	WESTERN MOUNTAIN
172	NORTH DAKOTA
173	DAYTON
174	GREATER METROPOLITAN CLEVELAND
175	MANSFIELD-MARION
176	METROPOLITAN COLUMBUS
177	NORTHWEST OHIO
178	NORTHWEST PENNSYLVANIA-YOUNGSTOWN
179	PARKERSBURG-MARIETTA
180	SANDUSKY
181	STEUBENVILLE-WEIRTON-WHEELING
182	WILMINGTON-CHILLICOTHE-LOGAN
183	ZANESVILLE-CAMBRIDGE
184	CENTRAL OKLAHOMA
185	NORTH CENTRAL OKLAHOMA
186	NORTHEASTERN OKLAHOMA
187	NORTHWESTERN OKLAHOMA
188	SOUTHEASTERN OKLAHOMA
189	SOUTHWESTERN OKLAHOMA
190	CENTRAL OREGON
191	EASTERN OREGON
192	NORTHWEST OREGON
193	PORTLAND
194	SOUTHWEST OREGON
195	CENTRAL PENNSYLVANIA
196	SOUTH CENTRAL PENNSYLVANIA
197	SOUTHWEST PENNSYLVANIA
198	CAMDEN-SUMTER
199	CHARLESTON
200	COLUMBIA
201	FLORENCE
202	GREENVILLE-SPARTANBURG
203	GREENWOOD
204	GEORGETOWN
205	BLACKHILLS-RAPID CITY
206	SOUTH DAKOTA
207	EASTERN TENNESSEE-SOUTHWESTERN VIRGINIA
208	MIDDLE TENNESSEE
209	WESTERN TENNESSEE
210	ABILENE-WICHITA FALLS
211	AMARILLO-LUBBOCK
212	AUSTIN-WACO
213	BROWNVILLE-LAREDO
214	CORPUS CHRISTI-VICTORIA
215	METROPOLITAN DALLAS-FORT WORTH

216	METROPOLITAN HOUSTON-GALVESTON
217	METROPOLITAN SAN ANTONIO
218	MIDLAND-ODESSA-SAN ANGELO
219	UTAH
220	WASACH FRONT
221	VERMONT
222	CENTRAL VIRGINIA
223	HAMPTON ROADS
224	NORTHEASTERN VIRGINIA
225	STATE CAPITAL
226	VALLEY OF VIRGINIA
227	NORTHERN WASHINGTON
228	OLYMPIA-NORTHWEST WASHINGTON
229	PUGET SOUND
230	SOUTH CENTRAL WASHINGTON
231	ALLEGHENY
232	CENTRAL WEST VIRGINIA
233	EASTERN PANHANDLE
234	KANAWHA VALLEY
235	NORTH CENTRAL WEST VIRGINIA
236	SOUTHERN WEST VIRGINIA
237	LAKE MICHIGAN
238	NORTH CENTRAL WISCONSIN
239	SOUTHEASTERN WISCONSIN
240	SOUTHERN WISCONSIN
241	CASPER
242	METROPOLITAN CHEYENNE
243	WYOMING
244	PUERTO RICO
245	AMERICAN SAMOA
246	GUAM
247	U.S. VIRGIN ISLANDS

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (01) : ALABAMA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
001	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
002	5	5	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
003	6	6	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
004	10	10	17	3	3	6	1	1	0	0	0	5	0	0	0	3	3	0	3	3	1
005	3	4	4	2	3	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
006	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
007	7	7	18	5	5	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	37	38	50	14	15	7	3	4	0	0	0	5	0	0	0	3	3	0	4	4	1

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (02) : ALASKA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
008	5	10	4	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
009	4	9	4	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0
010	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011	1	8	2	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	28	10	6	6	0	1	1	0	0	2	0	0	0	0	1	1	0	0	0	0

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (03) : ARIZONA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
012	2	6	0	2	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0
013	1	2	3	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
014	2	5	1	2	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
015	11	22	12	8	3	0	3	8	3	10	10	0	0	0	1	3	4	1	3	3	1
TOTAL	16	35	16	13	5	2	5	12	4	11	12	0	0	0	1	3	4	1	3	3	1

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (04) : ARKANSAS

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
016	3	10	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
017	2	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
018	1	3	3	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
019	1	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
020	1	5	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
021	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
022	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9	29	26	4	6	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (05) : CALIFORNIA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
023	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
024	28	25	16	3	8	0	1	17	11	10	6	0	0	10	13	11	24	13	11	27	13
025	3	5	4	1	0	0	0	0	0	0	0	0	0	0	3	0	1	0	2	4	4
026	3	15	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1
027	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
028	3	8	4	1	1	0	0	0	0	0	1	0	0	0	4	3	4	3	3	6	4
029	3	3	3	1	1	0	0	0	0	10	0	0	0	0	1	3	2	1	3	7	4
030	3	15	14	3	4	0	1	6	1	10	4	0	0	10	6	8	15	7	8	20	8
031	12	16	7	1	2	0	0	0	0	0	1	0	0	0	5	3	7	5	3	8	5
032	1	2	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	2	2
033	7	7	0	1	0	0	0	0	0	0	0	0	0	0	3	0	2	2	2	6	4
TOTAL	65	102	50	15	17	0	2	23	12	30	12	0	0	20	37	28	57	32	32	81	45

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (06) : COLORADO

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
014	1	6	4	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
034	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
035	1	10	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
036	10	21	19	1	0	0	0	6	0	0	0	0	0	0	0	3	6	2	3	6	0
037	6	9	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
038	6	8	8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
039	1	2	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040	1	8	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	27	66	60	8	7	0	0	7	0	0	0	0	0	0	0	3	6	2	3	6	0

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (07) : CONNECTICUT

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
041	3	4	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
042	13	40	0	9	6	0	4	11	0	9	13	0	0	0	0	4	4	0	4	4	0
043	2	20	0	1	4	0	1	12	0	1	9	0	0	0	0	1	2	0	1	3	0
044	1	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	19	67	0	12	11	2	5	24	0	10	22	0	0	0	0	5	6	0	5	7	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (08) : DELAWARE

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			O3-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
045	2	15	1	1	11	2	1	15	0	1	15	0	0	0	0	1	4	0	1	4	0
046	1	5	0	1	5	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0
TOTAL	3	20	1	2	16	2	1	20	0	1	20	0	0	0	0	1	4	0	1	4	0

REQ = REQUIRED BY EPA

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RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (09) : DISTRICT OF COLUMBIA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
047	4	10	0	3	0	0	1	6	0	3	0	0	0	0	0	1	5	0	1	2	0
TOTAL	4	10	0	3	0	0	1	6	0	3	0	0	0	0	0	1	5	0	1	2	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (10) : FLORIDA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
005	3	3	0	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
048	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
049	9	9	1	3	3	1	1	2	0	0	0	0	0	0	0	0	0	0	3	2	0
050	3	3	0	1	1	1	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0
051	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
052	11	11	0	8	8	1	3	3	0	10	10	0	0	0	0	0	0	0	0	0	0
TOTAL	30	30	1	16	16	3	5	6	0	20	20	0	0	0	0	0	0	0	4	3	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (11) : GEORGIA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
002	3	2	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
049	2	4	1	1	2	1	0	0	0	0	2	1	0	0	0	0	0	0	1	0	0
053	4	4	2	2	2	2	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0
054	7	7	4	5	5	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0
055	5	4	2	2	3	2	1	0	0	5	2	2	0	0	0	0	0	0	0	0	0
056	12	21	4	9	8	1	4	5	0	10	10	0	0	0	0	0	3	0	0	1	0
057	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
058	4	6	1	3	4	0	1	2	0	0	2	0	0	0	0	0	0	0	0	0	0
059	3	5	2	3	2	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL	43	56	18	26	29	10	10	11	0	15	16	7	0	0	0	0	3	0	1	1	0

REQ = REQUIRED BY EPA

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PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (12) : HAWAII

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
060	3	12	11	1	8	6	0	1	0	0	9	0	0	0	0	0	2	0	0	2	0
TOTAL	3	12	11	1	8	6	0	1	0	0	9	0	0	0	0	0	2	0	0	2	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (13) : IDAHO

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
061	5	12	2	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
062	2	10	4	1	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
063	5	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
064	3	8	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	15	35	12	6	8	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0

REQ = REQUIRED BY EPA

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (14) : ILLINOIS

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
065	7	7	4	4	2	0	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0
066	1	3	0	3	3	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
067	22	73	74	14	29	34	9	19	7	3	10	0	0	0	0	9	11	4	9	9	1
068	1	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
069	4	4	4	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1
070	4	16	14	3	2	0	1	5	0	3	2	0	0	0	0	1	4	0	1	2	0
071	5	5	2	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
072	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
073	2	5	2	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
074	1	2	0	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
075	8	8	4	3	6	0	1	2	0	0	0	0	0	0	0	0	1	0	0	1	0
TOTAL	56	125	104	37	50	34	16	32	10	12	16	0	0	0	0	10	16	4	10	12	2

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DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (15) : INDIANA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
067	3	29	19	2	25	18	1	11	0	1	17	16	0	0	0	1	3	0	1	3	0
076	3	6	2	3	4	1	1	0	0	0	4	1	0	0	0	0	0	0	0	0	0
077	4	11	5	2	5	0	1	4	0	0	5	0	0	0	0	0	1	0	0	1	0
078	2	6	0	1	5	0	0	1	0	2	5	0	0	0	0	0	0	0	0	0	0
079	1	3	1	0	3	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0
080	10	25	16	8	18	10	3	8	0	10	17	1	0	0	0	3	2	0	3	2	0
081	3	4	0	1	3	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0
082	7	17	6	2	14	0	1	3	0	0	7	0	0	0	0	0	1	0	0	1	0
083	3	8	2	3	5	1	1	1	0	0	4	1	0	0	0	0	0	0	0	0	0
084	9	15	8	6	7	0	2	2	0	0	6	0	0	0	0	0	0	0	0	0	0
TOTAL	45	124	61	28	69	30	10	32	0	13	70	21	0	0	0	4	7	0	4	7	0

REQ = REQUIRED BY EPA

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (16) : IOWA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
065	2	2	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
068	3	3	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
069	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
085	2	2	0	1	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
086	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
087	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
088	7	12	5	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
089	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
090	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
092	8	13	13	1	2	0	0	0	0	0	1	0	0	0	0	0	1	0	2	2	0
093	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	32	42	29	11	11	0	1	3	0	2	4	0	0	0	0	0	1	0	2	2	0

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (17) : KANSAS

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
094	4	14	10	0	6	4	0	2	2	0	5	3	0	0	1	1	2	2	1	2	1
095	6	9	7	1	8	7	0	0	0	0	8	7	0	0	0	0	1	1	0	1	0
096	6	6	3	1	2	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
097	5	5	2	1	3	2	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0
098	1	6	3	1	3	1	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
099	7	14	11	1	12	3	0	0	1	0	12	3	0	0	0	0	2	2	2	2	0
100	5	5	3	1	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
TOTAL	34	59	39	6	36	20	0	2	3	0	35	19	0	0	1	1	5	5	3	5	1

REQ = REQUIRED BY EPA

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (18) : KENTUCKY

AGCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
072	5	27	12	2	25	12	1	2	0	0	27	0	0	0	0	0	1	0	0	1	0
077	2	22	13	1	18	12	0	9	0	0	20	0	0	0	1	0	2	0	0	2	0
078	8	16	10	5	13	10	2	6	3	3	13	0	0	0	1	0	5	2	2	3	1
079	2	15	13	1	14	10	0	1	1	2	15	0	0	0	1	0	1	1	1	1	1
101	3	16	3	1	14	3	0	1	0	0	16	0	0	0	0	0	1	0	0	1	0
102	3	20	9	1	20	5	0	1	0	0	20	0	0	0	0	0	1	0	0	1	0
103	3	16	7	1	15	4	0	1	0	0	16	0	0	0	0	0	1	0	0	1	0
104	3	17	1	1	16	1	0	1	0	0	17	0	0	0	0	0	1	0	0	1	0
105	1	16	0	1	15	1	0	1	0	0	16	0	0	0	0	0	1	0	0	1	0
TOTAL	30	165	68	14	150	58	3	23	4	10	160	0	0	0	3	0	14	3	3	12	2

REQ = REQUIRED BY EPA

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (19) : LOUISIANA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
019	2	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
022	1	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	2	3	2	9	11	10	5	6	0	0	0	0	0	0	0	0	0	0	5	6	0
TOTAL	5	9	3	10	13	13	5	6	0	0	0	0	0	0	0	0	0	0	5	6	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (20) : MAINE

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOUPLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
107	2	7	0	2	8	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1	2	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	3	6	0	3	6	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
110	6	6	4	3	5	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
111	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	13	22	4	10	22	4	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0

REQ = REQUYRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (21) : MARYLAND

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
047	6	28	24	4	12	13	2	7	3	4	13	0	0	0	1	2	5	3	2	7	4
112	3	3	7	3	3	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
113	5	6	6	3	3	5	1	6	1	0	3	0	0	0	0	0	3	1	0	0	0
114	3	3	6	1	3	4	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
115	13	32	28	9	15	13	4	10	1	10	15	0	0	0	1	4	12	1	4	12	1
116	1	2	3	1	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	31	74	74	21	38	43	8	26	5	14	34	0	0	0	2	6	20	5	6	19	5

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (22) : MASSACHUSETTS

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
042	0	9	7	0	9	6	0	2	0	0	9	6	0	0	0	0	1	1	0	1	1
117	3	9	5	1	9	5	0	2	0	0	9	5	0	0	0	0	1	0	0	1	0
118	7	10	4	3	13	2	1	2	0	2	10	2	0	0	0	0	1	0	0	1	0
119	15	23	7	11	23	16	6	12	2	10	23	11	0	0	0	6	6	3	6	6	2
120	5	6	4	3	6	5	1	2	0	4	6	5	0	0	0	0	1	0	0	1	0
121	4	6	4	3	6	4	1	2	0	0	5	4	0	0	0	0	1	0	0	2	0
TOTAL	34	63	31	21	66	38	9	22	2	16	62	33	0	0	0	6	11	4	6	12	3

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (23) : MICHIGAN

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
082	3	6	4	1	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0
122	3	42	35	1	11	7	0	5	2	10	11	7	0	0	0	0	3	2	0	1	0
123	18	42	38	12	13	5	7	17	4	10	13	6	0	0	0	0	7	1	0	4	1
124	1	6	3	1	2	1	0	3	2	1	2	1	0	0	0	0	0	0	0	0	0
125	3	10	6	3	4	1	1	1	1	0	4	1	0	0	0	0	0	0	0	0	0
126	1	21	13	1	5	4	0	0	0	0	5	4	0	0	0	0	0	0	0	0	0
TOTAL	29	127	101	19	36	19	8	27	9	21	36	20	0	0	0	0	10	3	0	5	1

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (24) : MINNESOTA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
127	3	7	7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128	2	10	7	2	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
129	5	16	13	2	4	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
130	1	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	12	24	23	9	9	9	4	10	3	10	10	0	0	0	0	4	4	3	0	5	0
132	3	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	1	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	27	68	58	16	20	12	6	12	5	10	10	0	0	0	0	4	4	3	0	5	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (25) : MISSISSIPPI

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOUPLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
005	7	19	1	5	13	2	2	3	0	0	0	0	0	0	0	0	0	0	2	2	0
018	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0
134	1	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	3	6	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	29	1	7	15	2	2	4	0	0	1	0	0	0	0	0	0	0	2	3	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (26) : MISSOURI

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
070	10	25	18	7	2	0	4	10	9	7	0	0	0	10	9	4	10	6	4	10	8
094	7	23	1	1	3	4	0	1	1	0	4	0	0	0	0	2	3	2	2	3	0
137	3	9	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	1	8	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139	9	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	30	75	28	11	6	4	4	11	10	7	4	0	0	10	9	6	13	8	6	13	8

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (27) : MONTANA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
140	3	4	6	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
141	1	1	2	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
142	3	3	2	3	3	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
143	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	5	5	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	13	14	16	11	11	0	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0

REQ = REQUIRED BY EPA

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (28) : NEBRASKA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
085	7	12	7	3	3	0	1	1	0	6	7	0	0	0	0	0	0	1	0	0	0
086	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	3	7	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	1	9	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12	29	24	6	6	0	1	1	0	6	7	0	0	0	0	0	0	1	0	0	0

REQ = REQUIRED BY EPA

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (29) : NEVADA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
013	5	15	14	2	2	0	1	1	0	5	5	0	0	0	1	2	2	0	2	2	1
147	3	7	6	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
148	5	12	13	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
TOTAL	13	34	33	6	6	3	2	2	0	5	5	0	0	0	2	2	2	1	2	3	2

REQ = REQUIRED BY EPA

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PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (30) : NEW HAMPSHIRE

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOUPLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
107	1	6	6	1	3	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0
121	6	22	12	5	9	2	2	2	1	0	9	0	0	0	0	0	2	1	0	1	0
149	1	4	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL	8	32	18	7	13	2	2	4	1	0	13	0	0	0	0	0	2	1	0	1	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (31) : NEW JERSEY

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
043	12	40	31	6	0	3	4	12	9	3	3	0	0	0	2	4	12	10	4	5	1
045	5	7	9	4	0	3	2	7	7	3	4	0	0	0	1	2	7	7	3	2	1
150	1	2	8	3	5	0	1	2	1	0	0	0	0	0	0	2	2	1	0	0	0
151	1	1	4	0	0	0	0	1	1	1	1	0	0	0	1	0	1	1	0	0	0
TOTAL	19	50	52	13	5	6	7	22	18	7	8	0	0	0	4	8	22	19	7	7	2

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (32) : NEW MEXICO

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
012	1	6	8	1	5	7	0	2	0	0	1	6	0	0	0	0	0	0	0	0	0
014	1	9	0	1	5	0	0	2	0	0	5	0	0	0	0	0	0	0	0	0	0
152	8	12	6	1	2	0	0	0	0	0	2	0	0	0	0	0	2	1	2	2	1
153	2	7	4	1	3	3	1	1	0	0	3	2	0	0	0	1	1	0	1	1	0
154	1	3	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
155	1	6	0	1	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
156	1	3	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
157	1	7	3	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL	16	53	22	8	22	10	1	5	0	0	18	8	0	0	0	1	3	1	3	3	1

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (33) : NEW YORK

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
043	27	78	39	13	0	8	10	53	1	6	29	0	0	0	0	10	17	0	10	13	0
158	11	47	38	3	0	3	1	4	0	0	0	0	0	0	0	3	3	0	3	2	0
159	3	21	9	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0
160	3	34	23	3	3	3	1	2	0	10	0	0	0	0	0	0	2	0	3	1	0
161	11	57	36	3	2	2	1	7	0	0	0	0	0	0	0	0	2	0	0	2	0
162	11	54	44	8	6	6	3	6	0	10	0	0	0	0	0	0	3	0	3	3	0
163	3	17	11	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0
164	3	28	17	3	0	2	1	4	0	0	0	0	0	0	0	0	2	0	0	0	0
TOTAL	72	336	217	39	11	30	19	79	1	26	28	0	0	0	0	13	29	0	19	23	0

REQ = REQUIRED BY EPA

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (34) : NORTH CAROLINA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
136	10	24	1	1	24	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
165	7	27	0	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	10	15	1	1	15	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
167	9	33	1	3	25	0	1	0	0	0	0	0	0	0	0	0	2	0	2	1	0
168	6	13	0	1	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
169	3	8	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	3	16	0	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	6	23	0	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL	54	165	3	10	131	3	1	0	0	0	0	0	0	0	0	0	4	0	2	5	0

REQ = REQUIRED BY EPA

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RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (35) : NORTH DAKOTA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
130	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	3	12	11	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL	6	15	14	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (36) : OHIO

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
079	10	41	34	2	16	10	1	8	0	8	16	10	0	0	0	0	9	0	2	9	0
103	3	19	13	0	3	4	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0
124	7	16	0	5	5	0	2	7	0	7	7	0	0	0	0	0	2	0	2	2	0
173	10	27	17	3	18	4	1	5	0	10	19	4	0	0	0	0	4	0	3	3	0
174	16	82	62	11	22	36	6	6	0	10	20	34	0	0	1	0	6	0	6	6	0
175	3	3	1	3	3	1	1	1	0	0	3	1	0	0	0	0	0	0	0	0	0
176	10	11	3	1	6	0	0	3	0	10	3	0	0	10	0	0	3	0	3	4	0
177	3	4	0	5	5	0	2	2	0	0	5	0	0	0	0	0	0	0	0	0	0
178	4	15	0	1	6	0	0	2	0	0	6	0	0	0	0	0	0	0	0	0	0
179	3	5	0	1	1	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0
180	1	6	2	1	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
181	4	17	16	3	5	2	1	1	0	0	4	2	0	0	0	0	0	0	0	0	0
182	1	4	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
183	3	5	0	3	1	0	1	4	0	0	4	0	0	0	0	0	0	0	0	0	0
TOTAL	78	255	148	40	94	57	15	46	0	45	95	51	0	10	1	0	74	0	16	24	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (37) : OKLAHOMA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
017	2	4	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
022	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
184	9	23	18	1	1	8	0	1	0	0	0	8	0	0	0	0	2	0	2	2	1
185	1	5	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	9	24	16	1	3	2	0	1	0	0	0	5	0	0	0	0	2	0	2	2	0
187	1	8	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188	1	12	9	1	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
189	1	13	7	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	24	98	53	7	15	12	0	3	0	0	0	13	0	0	0	0	4	0	4	4	1

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (38) : OREGON

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
190	3	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193	10	14	1	2	3	0	1	1	0	0	4	0	0	0	0	3	4	1	3	3	0
194	3	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	20	27	1	6	7	0	1	1	0	0	4	0	0	0	0	3	4	1	3	3	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (39) : PENNSYLVANIA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
045	14	21	2	9	0	1	6	17	0	6	0	0	0	10	0	6	17	0	6	10	0
151	11	23	4	3	0	2	1	9	0	9	0	0	0	10	0	0	9	0	0	9	0
178	7	9	2	2	0	1	1	4	0	0	0	0	0	0	0	0	4	0	0	4	0
195	10	8	2	1	0	0	0	3	0	10	0	0	0	0	0	0	3	0	0	3	0
196	11	20	2	3	0	0	1	8	0	10	0	0	0	0	0	0	8	0	0	8	0
197	15	35	17	10	0	0	5	18	7	10	0	0	0	0	0	5	9	1	5	10	0
TOTAL	68	116	29	28	0	4	14	59	7	45	0	0	0	20	0	11	50	1	11	44	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (40) : PUERTO RICO

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
244	3	22	0	3	3	4	1	19	0	0	19	0	0	0	0	0	1	0	0	0	0
TOTAL	3	22	0	3	3	4	1	19	0	0	19	0	0	0	0	0	1	0	0	0	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (41) : RHODE ISLAND

AQCR	TSP			SO2-DAILY			SO2-HOUPLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOUPLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
120	7	25	10	5	21	9	2	4	2	6	25	0	0	0	2	0	4	1	0	4	0
TOTAL	7	25	10	5	21	9	2	4	2	6	25	0	0	0	2	0	4	1	0	4	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (42) : SOUTH CAROLINA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
053	5	5	4	3	3	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
058	5	5	3	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	5	6	5	3	4	3	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0
198	3	4	4	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
199	6	12	4	4	4	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0
200	3	12	9	1	6	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
201	1	3	3	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
202	8	15	11	1	11	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
203	1	3	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
204	3	3	3	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	40	68	47	17	39	30	3	6	1	0	0	0	0	0	0	0	0	0	1	1	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (43) : SOUTH DAKOTA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
086	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
087	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205	1	2	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
206	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	6	6	6	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (44) : TENNESSEE

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOUPLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
007	3	7	0	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
018	8	12	1	1	9	0	0	0	0	8	9	0	0	0	0	0	2	0	2	2	0
055	3	10	0	1	2	0	0	1	0	3	3	0	0	0	0	0	1	0	0	1	0
207	8	29	0	6	12	0	2	2	0	0	7	0	0	0	0	0	1	0	0	1	0
208	10	30	1	3	19	1	1	2	0	0	17	0	0	0	0	0	1	0	3	3	[illegible]
209	7	8	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[illegible]
TOTAL	39	96	2	14	45	1	4	6	0	11	36	0	0	0	0	0	5	0	5	7	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (45) : TEXAS

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
022	1	8	2	1	8	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3	0
106	1	10	8	2	11	1	1	6	0	0	0	0	0	0	0	0	6	0	1	6	0
153	5	13	16	4	8	1	1	6	0	0	0	0	0	0	0	1	6	0	1	6	0
210	3	10	2	3	11	2	1	3	0	0	0	0	0	0	0	0	3	0	0	3	0
211	3	12	2	6	9	2	2	3	0	0	0	0	0	0	0	0	4	0	0	4	0
212	3	13	7	1	13	2	0	2	0	0	0	0	0	0	0	0	5	0	3	5	0
213	7	10	3	1	6	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	0
214	7	24	7	5	17	1	2	6	0	7	0	0	0	0	0	0	7	0	2	7	0
215	3	37	25	1	18	5	0	2	0	10	0	0	0	10	0	0	13	0	5	13	0
216	13	60	51	9	51	30	4	21	0	10	0	0	0	10	0	0	19	0	4	21	0
217	3	16	11	1	10	3	0	3	0	0	0	0	0	0	0	0	6	0	3	6	0
218	3	8	3	3	9	3	1	4	0	0	0	0	0	0	0	0	4	0	0	4	0
TOTAL	52	221	137	37	171	52	12	61	0	27	0	0	0	20	0	1	79	0	19	91	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (46) : UTAH

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
014	1	5	1	1	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
219	1	3	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
220	9	11	5	7	9	0	2	6	4	9	9	0	0	0	0	2	5	4	2	5	3
TOTAL	11	13	6	9	15	0	2	6	4	9	15	0	0	0	0	2	5	4	2	5	3

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (47) : VERMONT

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
159	1	5	4	1	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	1	0
221	3	5	2	3	3	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	10	6	4	3	0	1	6	0	0	0	0	0	0	0	0	1	0	0	1	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (48) : VIRGINIA

AQCR	TSP			SO2-DAILY			SO2-HOUPLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOUPLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
047	10	18	17	7	11	4	2	2	0	3	11	0	0	0	0	2	2	0	2	2	0
207	6	9	11	4	6	6	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0
222	7	13	21	1	2	6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
223	10	15	15	3	11	9	1	3	0	10	13	0	0	0	0	0	3	0	3	3	0
224	6	8	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225	8	20	18	1	8	12	0	2	0	8	8	0	0	0	0	0	2	0	2	2	0
226	8	21	25	1	6	4	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
TOTAL	55	108	109	18	47	41	5	9	0	21	38	0	0	0	0	2	7	0	7	7	0

REQ = REQUIRED BY EPA

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RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (49) : WASHINGTON

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
062	5	14	7	2	1	0	1	1	1	0	0	0	0	0	0	2	2	2	0	2	0
193	2	7	6	1	0	0	0	3	0	0	0	0	0	0	0	1	2	0	1	1	0
227	3	6	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228	3	13	3	3	1	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
229	12	24	12	3	0	0	1	14	3	10	10	0	0	0	0	4	4	3	4	4	2
230	6	8	6	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
TOTAL	31	72	37	11	4	0	3	21	4	10	10	0	0	0	0	7	9	5	5	7	2

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (SC) : WEST VIRGINIA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
103	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	3	3	0	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
181	3	7	0	2	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
231	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
232	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
233	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
234	6	14	2	1	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0
235	6	6	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
236	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	24	37	3	10	21	0	2	2	0	0	0	0	0	0	0	0	1	0	0	3	0

REQ = REQUIRED BY EPA

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RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (51) : WISCONSIN

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOUPLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
068	1	2	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
073	1	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128	1	7	4	1	5	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
129	2	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
237	3	15	11	1	8	3	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
238	1	5	3	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
239	12	32	19	3	7	0	1	9	2	10	3	0	0	0	0	0	9	0	4	9	0
240	3	5	7	1	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	24	74	48	8	30	11	1	9	2	10	8	0	0	0	0	0	9	0	4	11	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION
PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC
DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (52) : WYOMING

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOUPLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
241	3	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
242	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
243	1	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	10	6	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

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11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (53) : AMERICAN SAMOA

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
245	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (54) : GUAM

AQCR	TSP			SO2-DAILY			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
246	1	2	0	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	2	0	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

11-08-74

SUMMARY OF MONITORING ACTIVITY
NATIONAL AEROMETRIC DATA BANK
STATE (55) : VIRGIN ISLANDS

AQCR	TSP			[illegible]			SO2-HOURLY			NO2-DAILY			NO2-HOURLY			CO-HOURLY			OX-HOURLY		
	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT	REQ	PRO	RPT
247	3	6	0	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	6	0	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0

REQ = REQUIRED BY EPA

PRO = PROPOSED IN STATE IMPLEMENTATION PLAN FOR 1974

RPT = REPORTING TO NATIONAL AEROMETRIC DATA BANK - BASED ON ALL FOUR QUARTERS OF 1973

• • RESTORE PRINTER TO STANDARD FORMS - A • •

SECTION II

WATER QUALITY PROGRAMS

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EPA PROGRAM OR OFFICE NAME:

DIVISION OF MONITORING + DATA SUPPORT
OFFICE OF WATER PLANNING AND STANDARDS
ENVIRONMENTAL PROTECTION AGENCY
WATERSIDE MALL (WH-453)
WASHINGTON, DC 20460

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE SENT TO:

MR. PHILLIP L. TAYLOR
ADDRESS SAME AS ABOVE

NAME OF DIRECTOR:

NOTZON EDMUND DIRECTOR
LAST FIRST TITLE

TELEPHONE NUMBER: 202-426-7764

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

MR. PHILLIP L. TAYLOR

TELEPHONE NUMBER: 202-426-7776

STATUS OF MONITORING AND DATA COLLECTION:

OPERATIONAL

PURPOSE:

TO PROVIDE DATA HANDLING AND COMPUTERIZED STORAGE, RETRIEVAL, AND STATISTICAL ANALYSIS FOR WATER QUALITY AND PERMIT PROGRAM DATA COLLECTED BY EPA, STATES, AND OTHER FEDERAL AGENCIES.

REMARKS:

THE EPA WATER QUALITY FILE CONTAINS DATA FROM PROGRAMS SUCH AS EPA NATIONAL WATER QUALITY SURVEILLANCE SYSTEM, STATES MONITORING PROGRAMS AND SPECIAL STUDIES, EPA LAKE EUTROPHICATION STUDY, USGS-STATE COOP SURFACE AND GROUNDWATER DATA PROGRAMS, AND LAKE ONTARIO IFYGL PROJECT. THERE ARE MORE THAN 18,000 DATA RICH STATIONS COVERING SOME 265 PARAMETERS. THE AGGREGATE OF ROUTINE ACTIVITIES AND LATE SPECIAL STUDIES COVER OVER 1,600 PARAMETERS FROM SOME 150,000 STATIONS FROM THE 1950S TO DATE. THE TABLES ON THE FOLLOWING PAGES COVER ALL STATIONS FOR SELECTED PARAMETERS OF INTEREST FOR WATER QUALITY TREND ANALYSES, INCLUDING BOTH DATA-RICH AND DATA-POOR STATIONS. THE TABLES EXCLUDE SUMMARIES OF SOURCE MONITORING AND CONCENTRATE ON AMBIENT MONITORING ACTIVITIES ONLY.

ALL DATA AND INFORMATION CONTAINED IN THIS PORTION OF THE DIRECTORY WERE PROVIDED BY THE EPA OFFICE OF WATER PLANNING AND STANDARDS.

INQUIRIES ABOUT EPA, OTHER FEDERAL AGENCY, AND STATE AND LOCAL WATER QUALITY MONITORING PROGRAMS SHOULD BE DIRECTED TO THE APPROPRIATE REGIONAL OFFICE PRIOR TO CONTACTING EPA IN WASHINGTON, DC.

PARAMETER CROSS REFERENCE TO STORET SYSTEM:

(NOTE: FOOTNOTES TO THE FOLLOWING TABLES APPEAR BELOW)

PARAMETER (FOOTNOTE)	STORET CODE
HARMFUL SUBSTANCES	
TOTAL CADMIUM	1027
TOTAL CHROMIUM	1034
TOTAL LEAD	1051

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DDT		39370
2,4-D		39730
2,4,5-T		39740
SILVEX		39760
TOTAL MERCURY		71900
PHYSICAL MODIFICATION		
WATER TEMPERATURE		10
STREAM FLOW		60
TURBIDITY		70
COLOR		80
EUTROPHICATION POTENTIAL		
TOTAL NITROGEN		600
TOTAL AMMONIA		610
TOTAL NITRATE (1)	AS N	620
TOTAL KJELDAHL NIT		625
TOTAL PHOSPHATE		650
ORTHOPHOSPHATE (2)	AS PO4	660
TOTAL PHOSPHOROUS (3)	AS P	665
DISSOLVED PHOSPHOROUS		666
CHLOROPHYL A		32210
TOTAL ALGAE		60050
ORTHOPHOSPHATE (4)	AS P	70507
TOTAL NITRATE (5)	AS NO3	71850
TOTAL PHOSPHOROUS (6)	AS PO4	71886
SALINITY, ACIDITY, AND ALKALINITY		
SPECIFIC CONDUCTANCE		95
PH		400
TOTAL ALKALINITY		410
DISSOLVED SOLIDS		515
CHLORIDE		940
TOTAL SULFATE		945
OXYGEN DEPLETION		
DISSOLVED OXYGEN		300
BIOCHEMICAL OXYGEN DEMAND		310
CHEMICAL OXYGEN DEMAND		340
HEALTH AND AESTHETIC DEGRADATION		
OIL AND GREASE		550
TOTAL ALPHA RAD		1501
TOTAL BETA RAD		3501
TOTAL COLIFORMS (7)	MF	31501
TOTAL COLIFORMS (8)	MPN	31505
FECAL COLIFORMS (9)	MPN	31615
FECAL COLIFORMS (10)	MF	31616
PHENOLS		32730

ALABAMA — STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	46	146	19	50	16	34	0	0	0	0
TOTAL CHROMIUM	52	168	28	73	22	52	8	32	8	16
TOTAL LEAD	46	146	22	49	16	30	0	0	0	0
DDT	3	3	1	1	1	1	0	0	0	0
2,4-D	2	2	1	1	0	0	0	0	0	0
2,4,5-T	2	2	1	1	0	0	0	0	0	0
SILVEX	2	2	1	1	0	0	0	0	0	0
TOTAL MERCURY	51	114	14	25	14	33	51	78	4	8
PHYSICAL MODIFICATION										
WATER TEMPERATURE	661	2983	374	7784	661	7320	216	4571	221	4324
STREAM FLOW	80	165	210	3220	174	3732	140	2412	145	3580
TURBIDITY	44	671	147	2943	43	1120	34	756	29	605
COLOR	38	591	82	2194	93	2156	67	1325	52	854
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	4	10	0	0	0	0	0	0	0	0
TOTAL AMMONIA	284	2366	162	420	25	152	86	74	19	112
TOTAL NITRATE (1)	143	1475	59	220	34	145	18	123	19	109
TOTAL KJELDAHL NIT	224	2011	94	436	0	0	0	0	0	0
TOTAL PHOSPHATE	12	192	24	107	10	57	10	35	12	60
ORTHOPHOSPHATE (2)	6	38	7	33	4	15	0	0	0	0
TOTAL PHOSPHORUS (3)	512	2445	149	431	26	150	18	88	11	93
DISSOLVED PHOSPHORUS	15	73	5	112	4	60	5	80	10	74
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	5	5	0	0	0	0	4	26	0	0
TOTAL NITRATE (5)	2	6	49	125	53	260	49	224	21	107
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	133	918	156	1216	149	1089	141	919	149	963
PH	262	1975	310	2418	250	2404	193	1248	159	1496
TOTAL ALKALINITY	208	1600	172	1317	155	1271	136	2142	96	1397
DISSOLVED SOLIDS	57	268	34	230	18	124	20	131	15	82
CHLORIDE	137	1111	117	907	125	841	106	753	74	468
TOTAL SULFATE	42	508	60	435	62	453	70	419	30	187
OXYGEN DEPLETION										
DISSOLVED OXYGEN	174	2305	351	10542	213	10396	166	6771	125	7724
BIOCHM OXYGEN DEMAND	100	567	242	7506	137	5354	121	4596	70	2671
CHEM OXYGEN DEMAND	40	199	12	12	14	145	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	11	50	5	5	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	52	212	44	522	41	155	29	261	7	28
TOTAL COLIFORMS (8)	27	215	7	32	2	22	1	3	1	1
FECAL COLIFORMS (9)	29	225	8	36	3	13	3	14	0	0
FECAL COLIFORMS (10)	41	191	64	249	41	149	47	216	1	3
PHENOLS	16	49	5	9	0	0	0	0	1	3
ACTIVE STATIONS	456		478		384		425		68	

ALASKA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	2	3	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	2	3	1	1	0	0	0	0	0	0
TOTAL LEAD	2	3	0	0	0	0	0	0	0	0
DDT	0	0	1	4	1	1	0	0	33	33
2,4-D	0	0	1	4	1	1	0	0	0	0
2,4,5-T	0	0	1	4	1	1	0	0	0	0
SILVEX	0	0	1	4	1	1	0	0	0	0
TOTAL MERCURY	3	4	0	0	5	7	10	10	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	105	14.	191	804	177	591	160	635	170	421
STREAM FLOW	50	77	150	698	140	568	122	638	108	333
TURBIDITY	36	58	73	270	2a	56	89	108	75	128
COLOR	104	119	154	381	143	286	202	384	151	299
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	4	7	1	1	0	0	1	1	0	0
TOTAL AMMONIA	28	31	97	140	9	11	73	86	7a	131
TOTAL NITRATE (1)	1	1	61	111	1	1	65	78	75	130
TOTAL KJELDAHL NIT	27	32	1	1	0	0	0	0	0	0
TOTAL PHOSPHATE	0	0	1	1	24	34	32	33	9	16
ORTHOPHOSPHATE (2)	88	102	85	272	37	45	28	30	3	3
TOTAL PHOSPHORUS (3)	36	40	80	241	1	1	68	84	75	130
DISSOLVED PHOSPHORUS	1	1	0	0	0	0	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	14	14	41	41	1	1	64	7a	75	130
TOTAL NITRATE (5)	0	0	86	182	142	265	153	401	82	179
TOTAL PHOSPHORUS (6)	0	0	0	0	1	2	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	123	205	197	779	195	666	247	698	96	277
PH	123	199	160	452	164	424	221	504	156	310
TOTAL ALKALINITY	123	193	161	472	164	424	219	472	155	308
DISSOLVED SOLIDS	14	34	47	86	16	39	1	1	0	0
CHLORIDE	93	145	162	472	154	305	222	486	125	250
TOTAL SULFATE	94	146	162	436	172	337	221	485	82	181
OXYGEN DEPLETION										
DISSOLVED OXYGEN	22	25	64	158	15	15	93	117	75	127
BIOCHM OXYGEN DEMAND	2	3	5	21	0	0	7	15	0	0
CHEM OXYGEN DEMAND	1	3	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	1	1	0	0	33	33
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	1	3	3	8	1	1	54	54	72	125
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	24	2a	2	4	0	0	15	47	0	0
PHENOLS	0	0	0	0	0	0	0	0	1	2
ACTIVE STATIONS	163		291		220		254		188	

ARIZONA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	88	112	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	1	2	0	0	0	0	0	0	0	0
TOTAL LEAD	94	121	0	0	0	0	0	0	0	0
DDT	10	39	6	15	4	17	4	20	2	21
2,4-D	10	39	6	15	4	17	4	19	2	21
2,4,5-T	10	39	6	15	4	17	4	19	2	21
SILVER	10	39	6	15	4	17	4	19	2	21
TOTAL MERCURY	95	119	0	0	5	5	0	0	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	374	2420	150	451	87	324	34	345	70	353
STREAM FLOW	24	86	46	230	71	280	61	196	50	315
TURBIDITY	254	450	2	3	3	7	35	96	37	74
COLOR	1	1	1	2	2	5	9	27	4	19
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	6	7	3	4	1	1	5	17	4	27
TOTAL AMMONIA	1	2	6	21	7	23	5	16	4	11
TOTAL NITRATE (1)	4	6	6	21	6	74	33	80	66	154
TOTAL KJELDAHL NIT	217	430	3	24	7	47	1	1	2	4
TOTAL PHOSPHATE	275	556	5	24	4	24	1	2	4	22
ORTHOPHOSPHATE (2)	64	150	124	184	84	311	36	80	24	50
TOTAL PHOSPHORUS (3)	2	7	4	5	2	5	1	1	0	0
DISSOLVED PHOSPHORUS	0	0	2	2	0	0	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	5	13	24	143	0	0	0	0
TOTAL NITRATE (5)	318	706	7	9	3	55	10	166	10	140
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	4	22	3	7
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	340	1446	144	784	47	1040	30	475	75	413
PH	124	432	167	857	101	467	70	703	127	1010
TOTAL ALKALINITY	420	1112	148	801	96	796	64	718	95	749
DISSOLVED SOLIDS	1	1	1	1	2	2	2	2	51	230
CHLORIDE	413	1444	163	874	93	741	66	719	125	981
TOTAL SULFATE	419	1097	163	840	89	672	67	655	117	732
OXYGEN DEPLETION										
DISSOLVED OXYGEN	318	1155	19	47	27	141	41	147	43	163
BIOCHM OXYGEN DEMAND	180	379	6	21	8	49	1	5	3	24
CHEM OXYGEN DEMAND	1	0	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	1	2	0	0	0	0	0	0	1	1
TOTAL ALPHA RAD	0	0	0	0	5	8	8	40	7	96
TOTAL BETA RAD	0	0	0	0	5	4	8	41	7	97
TOTAL COLIFORMS (7)	0	0	1	1	1	3	1	6	1	4
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	1	0	0	0	24	58
FECAL COLIFORMS (10)	282	745	8	35	7	42	1	5	22	57
PHENOLS	0	0	0	0	0	0	0	0	0	0
ACTIVE STATIONS	515		390		332		293		541	

ARKANSAS

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	17	40	13	17	16	117	0	0	0	0
TOTAL CHROMIUM	15	36	20	32	13	18	1	2	0	0
TOTAL LEAD	17	38	12	16	15	116	0	0	0	0
DDT	3	5	8	14	17	28	6	14	4	16
2,4-D	6	8	8	14	17	28	6	14	4	16
2,4,5-T	6	8	8	14	17	28	6	14	4	16
SILVEX	6	8	8	14	17	28	6	14	4	16
TOTAL MERCURY	15	31	19	67	27	200	24	42	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	38	272	54	450	56	830	39	712	38	521
STREAM FLOW	3	11	10	121	19	285	22	302	19	255
TURBIDITY	24	188	23	221	24	231	4	93	5	195
COLOR	21	72	39	179	38	346	28	231	25	325
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	17	57	0	0	0	0	1	7	2	13
TOTAL AMMONIA	2	3	12	45	12	47	10	48	5	16
TOTAL NITRATE (1)	30	93	23	42	21	29	1	4	2	5
TOTAL KJELDAHL NIT	17	56	0	0	4	41	2	38	0	0
TOTAL PHOSPHATE	0	0	0	0	1	2	1	1	4	100
ORTHOPHOSPHATE (2)	0	0	0	0	2	5	0	0	13	78
TOTAL PHOSPHORUS (3)	31	139	29	124	29	212	27	226	20	96
DISSOLVED PHOSPHORUS	4	27	2	9	5	15	5	13	3	5
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	0	0	2	2	20	38	12	75	12	92
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	12	58
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	34	246	53	506	58	952	42	705	33	424
PH	32	282	50	528	58	962	45	825	53	588
TOTAL ALKALINITY	29	269	40	331	45	350	34	345	29	408
DISSOLVED SOLIDS	15	48	23	115	24	196	5	48	6	200
CHLORIDE	31	230	40	282	60	334	73	295	43	343
TOTAL SULFATE	30	107	36	180	43	300	74	285	43	347
OXYGEN DEPLETION										
DISSOLVED OXYGEN	31	256	51	416	49	700	36	662	37	524
BIOCHM OXYGEN DEMAND	30	251	26	221	21	168	16	124	13	206
CHEM OXYGEN DEMAND	1	1	9	54	14	93	5	5	6	111
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	11	25	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	2	8	5	5
TOTAL BETA RAD	0	0	0	0	0	0	2	8	5	5
TOTAL COLIFORMS (7)	23	149	86	201	51	293	14	93	11	45
TOTAL COLIFORMS (8)	1	3	3	3	0	0	2	8	2	4
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	24	177	89	203	45	301	14	91	10	35
PHENOLS	0	0	0	0	2	2	1	8	1	5
ACTIVE STATIONS	54		126		130		44		47	

CALIFORNIA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	51	129	99	241	14	60	0	0	0	0
TOTAL CHROMIUM	30	82	44	93	2	12	0	0	0	0
TOTAL LEAD	56	144	122	249	18	75	0	0	0	0
DDT	38	110	67	184	49	161	28	153	15	90
2,4-D	21	65	31	74	40	114	20	81	4	28
2,4,5-T	21	65	31	76	40	114	20	82	4	29
SILVEX	21	65	31	75	40	114	20	82	4	28
TOTAL MERCURY	27	90	97	228	86	119	4	4	1	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	357	4408	644	8281	748	4869	255	4008	206	3449
STREAM FLOW	102	882	142	1115	148	1430	101	1893	134	1830
TURBIDITY	26	103	71	241	38	276	40	184	5	5
COLOR	13	31	7	22	11	54	23	65	3	10
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	105	880	156	1534	170	1276	36	136	15	63
TOTAL AMMONIA	176	2045	209	3196	264	2285	92	821	73	416
TOTAL NITRATE (1)	114	1292	177	2083	248	2917	146	903	61	457
TOTAL KJELDAHL NIT	156	1057	203	1557	185	1415	72	375	16	29
TOTAL PHOSPHATE	29	32	93	707	108	527	105	569	54	264
ORTHOPHOSPHATE (2)	95	389	161	1137	154	777	95	624	74	493
TOTAL PHOSPHORUS (3)	134	1264	129	829	109	515	44	179	2	3
DISSOLVED PHOSPHORUS	16	87	12	35	8	42	0	0	0	0
CHLOROPHYL A	50	836	44	714	48	550	45	543	37	344
TOTAL ALGAE	1	24	1	10	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	12	91	55	797	159	805	10	82	0	0
TOTAL NITRATE (5)	14	128	99	282	54	277	150	814	106	536
TOTAL PHOSPHORUS (6)	10	122	5	18	5	83	6	74	5	35
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	456	2828	604	3509	729	3327	224	2195	194	1345
PH	292	1967	589	3432	648	3351	250	2491	222	1645
TOTAL ALKALINITY	208	1201	465	2979	402	1656	156	872	171	874
DISSOLVED SOLIDS	13	15	74	206	86	316	60	294	60	294
CHLORIDE	329	1912	508	1933	549	1799	185	1156	178	1025
TOTAL SULFATE	215	584	404	726	503	428	151	897	154	930
OXYGEN DEPLETION										
DISSOLVED OXYGEN	109	1407	209	2247	354	4003	230	3086	196	1648
BIOCHM OXYGEN DEMAND	27	165	63	350	86	547	94	794	74	584
CHEM OXYGEN DEMAND	13	102	54	553	43	719	16	300	7	89
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	5	8	19	113	39	157	3	27	1	10
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	1	5
TOTAL BETA RAD	1	2	2	9	2	6	2	8	3	13
TOTAL COLIFORMS (7)	13	80	29	176	50	307	30	149	2	11
TOTAL COLIFORMS (8)	2	5	63	485	35	248	8	73	3	4
FECAL COLIFORMS (9)	4	92	84	491	36	80	0	0	1	1
FECAL COLIFORMS (10)	20	81	40	396	43	425	32	377	0	0
PHENOLS	0	0	6	45	11	48	10	45	6	7
ACTIVE STATIONS	548		1077		1111		405		354	

COLORADO

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	113	280	58	67	11	12	0	0	1	1
TOTAL CHROMIUM	64	237	18	25	62	158	9	9	2	3
TOTAL LEAD	185	493	52	64	52	115	5	6	1	1
DDT	3	6	11	18	3	14	5	17	2	4
2,4-D	3	6	10	17	3	14	4	14	2	4
2,4,5-T	3	6	10	17	3	14	4	14	2	4
SILVEX	3	6	10	17	3	14	4	14	2	4
TOTAL MERCURY	56	77	117	175	100	294	97	170	1	1
PHYSICAL MODIFICATION										
WATER TEMPERATURE	627	3113	415	3565	382	3799	116	2147	52	416
STREAM FLOW	206	2459	143	1837	92	1779	71	901	42	662
TURBIDITY	137	1309	150	2971	170	1383	93	1127	79	820
COLOR	29	190	37	170	34	152	23	153	23	180
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	8	17	5	13	4	4	4	4	0	0
TOTAL AMMONIA	140	414	150	682	202	491	46	1085	61	594
TOTAL NITRATE (1)	185	521	142	696	149	712	125	834	88	622
TOTAL KJELDAHL NIT	10	19	14	37	66	299	0	0	0	0
TOTAL PHOSPHATE	119	323	133	533	133	594	98	761	66	642
ORTHOPHOSPHATE (2)	458	459	152	619	88	493	43	175	43	247
TOTAL PHOSPHORUS (3)	553	1189	224	920	91	345	12	45	2	11
DISSOLVED PHOSPHORUS	34	56	1	7	0	0	1	7	2	11
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	43	84	54	330	29	41	6	8
TOTAL NITRATE (5)	13	29	14	18	11	14	8	20	14	222
TOTAL PHOSPHORUS (6)	0	0	0	0	2	2	11	42	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	1172	4111	627	4975	495	3105	200	2036	193	1604
PH	731	1772	531	2028	494	3047	190	1488	196	1480
TOTAL ALKALINITY	541	1187	277	778	156	892	93	525	82	650
DISSOLVED SOLIDS	167	1404	182	2418	143	804	107	675	120	835
CHLORIDE	1112	2165	530	1982	296	1410	223	1420	202	1605
TOTAL SULFATE	997	1324	379	1121	394	1132	193	1204	200	1325
OXYGEN DEPLETION										
DISSOLVED OXYGEN	642	2401	261	3443	520	3490	176	2414	121	841
BIOCHM OXYGEN DEMAND	104	2600	236	3151	286	3583	141	2704	121	919
CHEM OXYGEN DEMAND	4	158	43	129	29	110	1	3	1	2
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	31	385	32	311	21	179	11	101	9	146
TOTAL ALPHA RAD	80	141	80	218	96	219	80	432	66	311
TOTAL BETA RAD	67	94	96	189	78	127	70	284	72	208
TOTAL COLIFORMS (7)	584	1184	268	1081	90	1005	50	423	40	400
TOTAL COLIFORMS (8)	136	312	180	1457	257	1587	135	450	110	785
FECAL COLIFORMS (9)	30	41	98	548	179	1132	42	204	63	499
FECAL COLIFORMS (10)	719	1477	366	1497	134	471	49	239	66	503
PHENOLS	19	262	14	133	10	17	1	1	0	0
ACTIVE STATIONS	1271		986		725		382		325	

CONNECTICUT

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	27	47	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	31	66	0	0	0	0	0	0	0	0
TOTAL LEAD	27	47	0	0	1	4	0	0	0	0
DDT	16	44	15	19	1	1	1	2	1	1
2,4-D	16	42	16	20	1	1	1	2	1	1
2,4,5-T	16	42	16	20	1	1	1	2	1	1
SILVEX	16	41	16	20	2	2	1	2	1	1
TOTAL MERCURY	27	47	5	5	4	4	24	24	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	106	760	230	798	143	428	166	362	46	175
STREAM FLOW	15	182	22	263	43	251	18	165	15	104
TURBIDITY	25	136	52	329	110	427	118	221	2	23
COLOR	5	9	1	1	83	169	48	110	10	49
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	16	76	16	46	7	11	0	0	0	0
TOTAL AMMONIA	118	626	101	409	23	41	1	1	2	19
TOTAL NITRATE (1)	127	851	240	476	132	231	40	52	26	48
TOTAL KJELDAHL NIT	105	822	74	295	5	21	94	106	2	7
TOTAL PHOSPHATE	16	88	16	110	24	53	0	0	27	43
ORTHOPHOSPHATE (2)	0	0	0	0	16	26	2	2	0	0
TOTAL PHOSPHORUS (3)	154	1080	112	522	57	106	41	53	2	7
DISSOLVED PHOSPHORUS	0	0	75	159	95	110	0	0	1	1
CHLOROPHYL A	40	228	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	1	1	0	0	0	0
ORTHOPHOSPHATE (4)	27	47	19	19	0	0	0	0	0	0
TOTAL NITRATE (5)	6	6	3	3	6	6	2	2	1	1
TOTAL PHOSPHORUS (6)	2	2	2	2	106	268	18	153	15	88
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	33	332	268	554	144	564	159	570	49	282
PH	109	623	262	665	160	680	173	610	50	271
TOTAL ALKALINITY	24	119	231	412	139	337	55	228	25	134
DISSOLVED SOLIDS	58	221	1	2	1	2	1	13	1	18
CHLORIDE	51	200	159	299	147	374	96	274	50	178
TOTAL SULFATE	24	119	155	254	142	338	55	228	22	153
OXYGEN DEPLETION										
DISSOLVED OXYGEN	73	525	65	492	74	594	129	575	40	155
BIOCHM OXYGEN DEMAND	63	185	1	1	10	18	33	42	2	22
CHEM OXYGEN DEMAND	0	0	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	12	12	1	1	1	1	1	1	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	16	127	716	2918	571	2885	577	2830	423	2414
TOTAL COLIFORMS (8)	0	0	0	0	0	0	96	96	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	96	96	0	0
FECAL COLIFORMS (10)	24	186	25	151	42	165	12	112	27	44
PHENOLS	10	20	7	10	2	2	1	2	0	0
ACTIVE STATIONS	199		1028		424		577		443	

DELAWARE

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	22	193	16	237	11	31	0	0	0	0
TOTAL CHROMIUM	22	200	16	247	11	45	4	112	4	208
TOTAL LEAD	22	194	16	216	11	31	0	0	0	0
DDT	0	0	0	0	0	0	3	3	0	0
2,4-D	0	0	0	0	0	0	0	0	0	0
2,4,5-T	0	0	0	0	0	0	0	0	0	0
SILVEX	0	0	0	0	0	0	0	0	0	0
TOTAL MERCURY	8	135	8	92	7	28	10	33	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	50	438	53	389	57	371	80	598	36	549
STREAM FLOW	1	6	4	26	17	53	17	238	5	139
TURBIDITY	4	4	2	11	10	44	22	86	6	70
COLOR	29	232	33	107	32	96	50	215	32	313
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	0	0	0	0	0	0
TOTAL AMMONIA	74	483	68	353	39	282	53	470	30	434
TOTAL NITRATE (1)	54	324	31	335	35	262	48	407	29	437
TOTAL KJELDAHL NIT	74	462	68	353	34	272	35	451	24	437
TOTAL PHOSPHATE	66	283	67	320	37	281	37	448	29	437
ORTHOPHOSPHATE (2)	10	111	20	82	25	49	20	86	2	2
TOTAL PHOSPHORUS (3)	62	219	1	1	2	2	20	39	1	2
DISSOLVED PHOSPHORUS	0	0	0	0	0	0	6	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	4	16	6	17	1	15	0	0
TOTAL NITRATE (5)	0	0	0	0	3	3	4	10	1	1
TOTAL PHOSPHORUS (6)	6	8	20	82	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	14	134	23	150	29	177	45	514	1	6
PH	32	314	40	384	6	329	79	538	37	548
TOTAL ALKALINITY	43	290	32	445	44	283	80	668	34	478
DISSOLVED SOLIDS	0	0	0	0	0	0	0	0	1	10
CHLORIDE	37	259	32	347	50	298	52	447	33	478
TOTAL SULFATE	3	13	13	47	30	90	31	159	14	125
OXYGEN DEPLETION										
DISSOLVED OXYGEN	48	401	48	342	39	315	56	531	36	521
BIOCHM OXYGEN DEMAND	44	299	43	357	31	201	37	478	36	316
CHEM OXYGEN DEMAND	0	10	0	0	2	2	0	0	0	0
HEALTH AND AESTHETIC OBSERVATIONS										
OIL AND GREASE	0	0	3	4	3	0	2	4	1	1
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	23	117	24	198	24	171	19	87	8	248
TOTAL COLIFORMS (8)	4	4	2	11	20	104	31	522	20	247
FECAL COLIFORMS (9)	4	4	2	11	10	44	2	2	3	23
FECAL COLIFORMS (10)	24	153	27	242	24	227	44	488	31	47
PHENOLS	8	61	20	46	9	40	9	115	2	20
ACTIVE STATIONS	79		61		42		91		43	

DISTRICT OF COLUMBIA — STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	0	0	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	0	0	0	0	0	0	0	0	0	0
TOTAL LEAD	0	0	0	0	0	0	0	0	0	0
DDT	0	0	0	0	0	0	0	0	0	0
2,4-D	0	0	0	0	0	0	0	0	0	0
2,4,5-T	0	0	0	0	0	0	0	0	0	0
SILVER	0	0	0	0	0	0	0	0	0	0
TOTAL MERCURY	0	0	0	0	0	0	0	0	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	28	962	29	958	35	985	51	1340	50	990
STREAM FLOW	13	164	23	249	13	309	13	318	13	145
TURBIDITY	1	3	29	233	26	270	42	1033	23	760
COLOR	0	0	5	50	5	85	5	138	2	170
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	0	0	0	0	0	0
TOTAL AMMONIA	28	829	20	774	25	714	41	1095	50	952
TOTAL NITRATE (1)	20	428	20	774	25	650	20	874	24	454
TOTAL KJELDAHL NIT	24	796	24	774	25	705	40	1036	41	441
TOTAL PHOSPHATE	23	423	23	615	24	104	35	134	1	1
ORTHOPHOSPHATE (2)	5	10	0	0	5	55	21	153	11	246
TOTAL PHOSPHORUS (3)	0	0	0	0	0	0	14	14	1	1
DISSOLVED PHOSPHORUS	20	397	20	477	0	0	1	1	1	1
CHLOROPHYL A	0	0	0	0	0	0	0	29	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	0	0	0	0	0	0	0	6	6	6
TOTAL PHOSPHORUS (6)	5	10	0	0	0	0	6	28	10	29
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	0	0	0	0	0	0	0	0	1	1
PH	23	830	29	951	33	908	29	977	7	203
TOTAL ALKALINITY	23	453	23	909	23	776	23	967	20	544
DISSOLVED SOLIDS	0	0	0	0	0	0	0	0	0	0
CHLORIDE	25	453	24	921	25	810	25	996	22	564
TOTAL SULFATE	0	0	0	0	0	0	0	0	1	1
OXYGEN DEPLETION										
DISSOLVED OXYGEN	28	982	29	958	35	948	50	1327	27	725
BIOCHM OXYGEN DEMAND	23	815	28	795	25	701	37	1086	27	725
CHEM OXYGEN DEMAND	0	0	0	0	0	0	0	0	1	1
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	0	0	5	32	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	1	1
TOTAL BETA RAD	0	0	0	0	0	0	0	0	1	1
TOTAL COLIFORMS (7)	20	20	0	0	5	5	0	0	5	150
TOTAL COLIFORMS (8)	23	943	29	850	29	895	33	1046	20	612
FECAL COLIFORMS (9)	23	940	29	828	29	880	42	1028	25	581
FECAL COLIFORMS (10)	20	33	1	5	13	20	9	57	6	109
PHENOLS	23	23	0	0	0	0	0	0	0	0
ACTIVE STATIONS	29		30		39		55		50	

FLORIDA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	151	190	202	270	7	9	0	0	0	0
TOTAL CHROMIUM	102	112	208	301	34	124	3	4	1	1
TOTAL LEAD	267	387	294	474	22	103	0	0	0	0
DDT	67	74	147	185	85	140	116	178	17	22
2,4-D	60	66	143	173	76	109	63	83	2	3
2,4,5-T	60	66	143	173	77	106	63	83	2	3
SILVEX	60	67	142	172	76	107	63	82	2	3
TOTAL MERCURY	161	212	185	268	176	401	19	58	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	2103	11338	2339	15320	2124	14950	1460	10321	946	6536
STREAM FLOW	205	480	227	1097	314	1386	339	1112	317	801
TURBIDITY	1412	4012	1514	4535	1584	5026	1032	6208	254	1404
COLOR	1312	2287	1606	3478	1114	3169	1018	2550	459	1440
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	302	423	20	20	1	1	21	65	20	58
TOTAL AMMONIA	1484	5176	1361	3633	962	2799	431	1683	201	940
TOTAL NITRATE (1)	1646	4805	1780	4912	1063	3223	405	1267	153	563
TOTAL KJELDAHL NIT	411	2454	175	755	12	103	52	462	33	159
TOTAL PHOSPHATE	65	172	286	470	721	2213	690	1826	295	748
ORTHOPHOSPHATE (2)	59	97	724	2736	1071	3330	782	2211	278	904
TOTAL PHOSPHORUS (3)	438	3973	596	1744	208	435	35	434	19	135
DISSOLVED PHOSPHORUS	48	61	33	108	18	68	9	183	21	52
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	14	15	17	48
ORTHOPHOSPHATE (4)	1303	3821	1317	3123	897	2106	91	328	66	495
TOTAL NITRATE (5)	25	174	56	161	435	825	430	1054	231	545
TOTAL PHOSPHORUS (6)	768	1867	1037	3649	1342	5293	215	2185	170	1479
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	1350	3504	1688	5265	921	3992	900	3330	595	1756
PH	1525	4656	1982	7749	1299	5303	1409	8820	747	5503
TOTAL ALKALINITY	1443	3590	1773	4851	1051	3620	1163	3259	544	1989
DISSOLVED SOLIDS	404	709	642	1513	457	1271	130	644	100	363
CHLORIDE	1294	2156	1439	4223	1110	3410	1058	3632	699	2711
TOTAL SULFATE	502	755	829	1677	347	875	741	1684	505	1031
OXYGEN DEPLETION										
DISSOLVED OXYGEN	1729	8274	1692	8502	1820	9848	1245	9502	871	5484
BIOCHM OXYGEN DEMAND	1655	3986	1876	6538	1475	6293	822	4227	486	3324
CHEM OXYGEN DEMAND	485	963	654	1526	408	1342	91	232	74	241
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	104	219	121	257	81	162	32	33	4	10
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	2	2
TOTAL BETA RAD	0	0	0	0	0	0	0	0	2	2
TOTAL COLIFORMS (7)	512	909	300	797	138	313	125	454	53	128
TOTAL COLIFORMS (8)	651	2592	953	5571	1016	5911	533	3583	297	3036
FECAL COLIFORMS (9)	28	164	30	172	1	1	0	0	1	1
FECAL COLIFORMS (10)	301	499	81	142	53	92	39	255	6	51
PHENOLS	1	1	20	87	38	68	33	60	27	46
ACTIVE STATIONS	2439		3308		3070		1981		1181	

GEORGIA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	2	5	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	3	4	0	0	0	0	2	8	0	0
TOTAL LEAD	5	9	0	0	0	0	0	0	0	0
DDT	1	1	0	0	1	1	8	9	0	0
2,4-D		1	0	0	1	1	5	5	0	0
2,4,5-T		1	0	0	1	1	5	5	0	0
SILVEX		1	0	0	1	1	5	5	0	0
TOTAL MERCURY		5	16	16	0	0	11	11	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	158	1505	148	1070	286	3009	310	4201	263	2570
STREAM FLOW	55	647	67	958	101	979	86	1167	67	766
TURBIDITY	68	334	100	570	176	1271	214	1571	146	1147
COLOR	76	300	104	505	178	1145	184	1110	199	1019
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	16	16	0	0	1	1	0	0	0	0
TOTAL AMMONIA	239	2089	112	590	174	838	145	1036	64	600
TOTAL NITRATE (1)	158	1211	44	183	28	535	120	769	117	761
TOTAL KJELDAHL NIT	227	2041	0	0	20	144	80	625	0	0
TOTAL PHOSPHATE	0	0	0	0	35	169	133	955	90	573
ORTHOPHOSPHATE (2)	16	16	0	0	2	2	2	2	4	6
TOTAL PHOSPHORUS (3)	284	2295	92	561	155	696	79	336	70	389
DISSOLVED PHOSPHORUS	18	21	2	20	0	0	3	10	26	371
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	17	105	0	0
ORTHOPHOSPHATE (4)	22	27	0	0	0	0	51	295	0	0
TOTAL NITRATE (5)	0	0	0	0	8	8	21	21	42	42
TOTAL PHOSPHORUS (6)	0	0	0	0	1	1	9	63	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	83	1319	134	2697	261	4910	221	4929	219	2826
PH	160	2519	128	3129	260	4761	253	5230	291	3585
TOTAL ALKALINITY	157	1191	126	906	267	1886	267	2076	237	1559
DISSOLVED SOLIDS	14	43	91	458	191	1078	173	1292	131	813
CHLORIDE	44	149	114	680	204	1109	241	1723	236	1558
TOTAL SULFATE	35	112	102	411	154	591	144	776	171	796
OXYGEN DEPLETION										
DISSOLVED OXYGEN	145	2155	133	3074	266	4906	291	5903	254	3743
BIOCHM OXYGEN DEMAND	88	275	111	828	256	1839	232	1739	194	1331
CHEM OXYGEN DEMAND	3	6	1	8	1	12	42	96	1	3
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	2	13
TOTAL BETA RAD	0	0	0	0	0	0	0	0	2	13
TOTAL COLIFORMS (7)	1	3	1	6	24	169	28	279	44	432
TOTAL COLIFORMS (8)	14	87	17	197	54	590	106	636	111	1067
FECAL COLIFORMS (9)	63	240	104	710	197	1446	233	1628	196	1196
FECAL COLIFORMS (10)	9	20	2	7	24	170	28	299	43	446
PHENOLS	0	0	0	0	0	0	0	0	0	0
ACTIVE STATIONS	308		153		306		357		314	

HAWAII

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1964 STATIONS	1964 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	34	43	123	235	1	1	0	0	0	0
TOTAL CHROMIUM	1	3	63	116	25	26	0	0	0	0
TOTAL LEAD	34	43	134	435	51	53	0	0	0	0
DDT	1	1	1	1	1	1	1	1	1	1
2,4-D	1	1	1	1	1	1	1	1	1	1
2,4,5-T	1	1	1	1	1	1	1	1	1	1
SILVEX	1	1	1	1	1	1	1	1	1	1
TOTAL MERCURY	1	3	91	125	26	27	0	0	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	77	195	259	2273	153	1093	56	276	23	205
STREAM FLOW	53	37	34	46	60	311	59	382	23	227
TURBIDITY	67	160	244	1936	146	557	51	123	2	12
COLOR	64	140	61	85	27	39	1	4	2	12
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	2	10	108	260	83	242	1	12	1	8
TOTAL AMMONIA	1	3	108	258	1	12	1	11	2	11
TOTAL NITRATE (1)	0	0	201	789	109	273	1	12	2	11
TOTAL KJELDAHL NIT	2	11	1	9	1	5	0	0	2	4
TOTAL PHOSPHATE	0	0	165	1108	83	257	0	0	0	0
ORTHOPHOSPHATE (2)	66	72	1	9	1	12	1	8	0	0
TOTAL PHOSPHORUS (3)	7	16	1	9	1	10	1	12	2	12
DISSOLVED PHOSPHORUS	1	3	1	9	1	3	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	29	29	57	71	51	73	1	3	2	9
TOTAL NITRATE (5)	0	0	1	1	34	62	55	180	7	10
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	1	2	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	60	276	144	357	56	168	57	209	17	64
PH	60	274	184	569	134	288	57	210	17	62
TOTAL ALKALINITY	60	176	86	123	56	110	57	204	17	62
DISSOLVED SOLIDS	1	1	1	1	1	1	1	2	1	1
CHLORIDE	79	174	148	332	134	311	57	191	17	59
TOTAL SULFATE	79	174	88	116	56	106	57	186	4	16
OXYGEN DEPLETION										
DISSOLVED OXYGEN	63	205	232	1416	129	218	4	29	3	18
BIOCHM OXYGEN DEMAND	1	1	1	7	20	31	1	21	1	8
CHEM OXYGEN DEMAND	0	0	7	12	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	15	27	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	2	13	184	718	123	351	36	70	2	7
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	2	10	51	159	111	295	1	14	0	0
PHENOLS	0	0	20	25	80	156	0	0	0	0
ACTIVE STATIONS	81		279		157		60		25	

IDAHO

STATIONS AND OBSERVATIONS

PARAMETER	1974 STATIONS	1974 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	83	357	83	202	156	262	26	29	0	0
TOTAL CHROMIUM	14	25	50	115	153	263	20	22	3	6
TOTAL LEAD	75	248	93	224	167	309	33	75	0	0
DDT	25	60	27	42	51	53	12	32	7	13
2,4-D	2	2	9	10	3	12	7	17	3	10
2,4,5-T	2	2	9	10	3	12	7	17	3	9
SILVEX	2	2	9	10	3	12	7	17	3	9
TOTAL MERCURY	104	318	122	269	126	227	28	49	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	609	1635	503	1330	521	1220	115	475	93	390
STREAM FLOW	205	368	290	826	207	803	101	1167	92	1259
TURBIDITY	215	421	303	1017	219	636	111	280	93	332
COLOR	0	0	17	67	44	129	77	187	41	281
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	36	71	106	211	16	103	6	44	6	47
TOTAL AMMONIA	138	509	207	626	299	1045	136	431	77	344
TOTAL NITRATE (1)	110	334	207	570	115	441	14	180	46	280
TOTAL KJELDAHL NIT	152	535	204	517	157	604	15	93	36	219
TOTAL PHOSPHATE	3	3	8	24	14	79	37	83	22	56
ORTHOPHOSPHATE (2)	262	590	505	929	291	874	155	347	69	182
TOTAL PHOSPHORUS (3)	276	736	374	986	256	907	41	209	35	265
DISSOLVED PHOSPHORUS	9	11	156	496	14	59	7	11	2	3
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	22	56	19	41	149	442	22	119	30	220
TOTAL NITRATE (5)	104	245	155	436	148	408	198	483	109	282
TOTAL PHOSPHORUS (6)	0	0	0	0	2	6	16	24	0	0
SALINITY, ALIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	564	1650	634	2786	577	1642	132	1178	95	1641
PH	592	499	691	2189	429	1701	219	1405	156	1421
TOTAL ALKALINITY	459	488	616	991	430	1466	212	700	141	565
DISSOLVED SOLIDS	3	3	18	25	36	143	5	12	3	7
CHLORIDE	583	648	619	1166	496	883	241	705	154	518
TOTAL SULFATE	252	366	367	789	299	885	213	560	145	430
OXYGEN DEPLETION										
DISSOLVED OXYGEN	253	798	273	1442	226	1107	157	1170	94	1132
BIOCHM OXYGEN DEMAN	75	127	224	651	252	808	110	548	58	153
CHEM OXYGEN DEMAND	50	75	149	405	106	278	53	94	32	50
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	15	30	6	9	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	1	4	0	0	1	4
TOTAL BETA RAD	0	0	0	0	1	4	0	0	1	9
TOTAL COLIFORMS (7)	221	571	533	977	224	881	116	362	12	62
TOTAL COLIFORMS (8)	0	0	8	19	34	156	33	90	8	18
FECAL COLIFORMS (9)	0	0	0	0	27	143	1	1	4	5
FECAL COLIFORMS (10)	169	453	184	489	94	276	18	95	13	52
PHENOLS	0	0	1	5	1	2	1	1	1	1
ACTIVE STATIONS	762		783		618		282		167	

ILLINOIS

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	53	219	46	386	41	459	6	24	1	9
TOTAL CHROMIUM	51	214	324	836	57	481	48	146	36	132
TOTAL LEAD	52	232	46	383	41	472	6	25	1	10
DDT	0	0	0	0	0	0	0	0	0	0
2,4-D	0	0	0	0	0	0	0	0	0	0
2,4,5-T	0	0	0	0	0	0	0	0	0	0
SILVEX	0	0	0	0	0	0	0	0	0	0
TOTAL MERCURY	48	224	264	924	55	484	62	149	37	122
PHYSICAL MODIFICATION										
WATER TEMPERATURE	106	781	49	300	37	268	80	1034	44	576
STREAM FLOW	4	23	4	18	5	30	8	80	3	79
TURBIDITY	4	14	57	106	7	812	58	1140	9	899
COLOR	5	65	82	276	24	205	55	281	45	329
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	16	21	12	12	54	196	42	121	37	122
TOTAL AMMONIA	279	1825	671	3064	393	3312	210	2110	141	1784
TOTAL NITRATE (1)	166	982	24	67	11	75	55	360	6	156
TOTAL KJELDAHL NIT	232	1618	5	27	3	13	47	265	0	0
TOTAL PHOSPHATE	4	5	5	38	58	556	40	492	40	478
ORTHOPHOSPHATE (2)	1	4	0	0	3	6	1	3	0	0
TOTAL PHOSPHORUS (3)	284	1653	609	2663	389	1372	57	347	6	128
DISSOLVED PHOSPHORUS	4	19	4	11	2	19	2	16	2	6
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	2	728	20	819	32	843
ORTHOPHOSPHATE (4)	0	0	0	0	3	6	0	0	0	0
TOTAL NITRATE (5)	4	9	0	0	15	31	4	60	2	58
TOTAL PHOSPHORUS (6)	3	11	0	0	231	1197	201	1823	202	1707
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	8	61	36	102	185	640	52	276	47	344
PH	142	924	642	3138	485	4816	387	4389	365	4225
TOTAL ALKALINITY	86	715	115	352	300	2521	291	2312	213	1928
DISSOLVED SOLIDS	47	199	42	315	180	783	93	435	41	259
CHLORIDE	54	280	627	1690	370	2662	310	2169	247	2006
TOTAL SULFATE	52	256	630	1643	351	2548	308	2044	221	1921
OXYGEN DEPLETION										
DISSOLVED OXYGEN	122	684	610	2754	431	3026	327	2654	281	2349
BIOCHM OXYGEN DEMAND	53	212	54	414	83	682	73	326	57	249
CHEM OXYGEN DEMAND	0	0	92	255	416	2934	282	2456	275	2404
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	7	9	62	77	18	57	94	152	41	205
TOTAL ALPHA RAD	0	0	0	0	135	425	38	87	36	86
TOTAL BETA RAD	0	0	0	0	135	425	38	87	36	86
TOTAL COLIFORMS (7)	31	173	42	305	141	1041	25	254	60	479
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	53	144	662	2990	460	3014	275	1682	318	2267
PHENOLS	50	79	637	2780	212	1974	222	1761	255	1966
ACTIVE STATIONS	269		677		694		426		389	

INDIANA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	40	193	15	230	29	94	12	67	9	85
TOTAL CHROMIUM	69	1673	35	2665	28	94	11	64	8	72
TOTAL LEAD	40	136	14	75	31	99	14	140	8	72
DDT	1	1	1	1	1	1	2	2	1	2
2,4-D	0	0	0	0	1	1	1	1	0	0
2,4,5-T	0	0	0	0	1	1	1	1	0	0
SILVEX	1	1	0	0	1	1	1	1	0	0
TOTAL MERCURY	24	55	14	4	27	96	36	118	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	231	2204	63	2437	66	452	128	1803	95	1693
STREAM FLOW	15	41	5	37	30	215	104	1097	13	52
TURBIDITY	15	361	26	991	16	104	90	1597	50	1155
COLOR	32	64	20	75	16	125	21	179	75	1649
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	10	24	0	0	0	0	0	0	0	0
TOTAL AMMONIA	314	3527	27	3116	42	245	26	294	31	590
TOTAL NITRATE (1)	167	912	6	43	16	146	16	142	75	1607
TOTAL KJELDAHL NIT	690	1782	1	2	24	64	1	1	3	19
TOTAL PHOSPHATE	5	187	5	126	0	0	21	375	21	479
ORTHOPHOSPHATE (2)	1	1	0	0	0	0	0	0	0	0
TOTAL PHOSPHORUS (3)	307	1695	24	66	43	225	24	274	17	581
DISSOLVED PHOSPHORUS	54	106	3	14	4	25	3	39	4	45
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	2	6	0	0
ORTHOPHOSPHATE (4)	15	18	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	4	139	1	563	4	37	4	31	3	18
TOTAL PHOSPHORUS (6)	5	156	21	511	1	15	1	12	1	7
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	116	1026	28	918	37	243	95	1701	69	1796
PH	269	7721	149	15508	69	272	94	1680	91	1103
TOTAL ALKALINITY	177	2139	32	1773	32	131	82	1515	70	1463
DISSOLVED SOLIDS	9	25	10	56	15	134	17	142	76	1738
CHLORIDE	143	1707	41	2328	37	236	96	1629	31	649
TOTAL SULFATE	142	1657	43	2454	21	197	23	222	68	1715
OXYGEN DEPLETION										
DISSOLVED OXYGEN	161	2073	22	1795	20	184	92	1558	73	1638
BIOCHM OXYGEN DEMAND	154	5753	71	7513	34	179	60	167	73	1591
CHEM OXYGEN DEMAND	50	275	13	544	33	142	11	130	10	219
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	76	4484	75	10750	18	129	11	169	66	491
TOTAL ALPHA RAD	0	0	0	0	1	1	2	14	2	12
TOTAL BETA RAD	0	0	0	0	1	1	2	13	2	12
TOTAL COLIFORMS (7)	23	95	8	57	45	269	99	1657	79	1423
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	92	171	5	57	43	259	46	676	14	274
PHENOLS	37	1629	24	3129	24	196	15	191	21	500
ACTIVE STATIONS	533		208		87		145		99	

IOWA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	15	34	17	25	15	15	0	0	0	0
TOTAL CHROMIUM	34	80	77	99	16	16	1	1	0	0
TOTAL LEAD	11	22	4	4	15	15	0	0	0	0
DDT	9	28	8	14	5	18	5	11	5	8
2,4-D	9	28	8	14	5	18	5	10	5	8
2,4,5-T	9	28	8	14	5	18	5	10	5	8
SILVEX	9	28	8	14	5	18	5	10	5	8
TOTAL MERCURY	1	2	2	4	3	4	1	1	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	232	737	159	789	539	1726	444	1835	204	1092
STREAM FLOW	54	266	51	581	473	1548	447	2005	201	1276
TURBIDITY	6	39	49	74	27	107	30	211	10	122
COLOR	1	4	3	19	4	30	5	56	7	36
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	0	0	0	0	0	0
TOTAL AMMONIA	144	491	123	196	82	216	27	132	16	44
TOTAL NITRATE (1)	4	42	55	104	42	133	28	142	8	30
TOTAL KJELDAHL NIT	197	498	4	5	0	0	4	85	0	0
TOTAL PHOSPHATE	8	22	48	49	32	52	14	62	1	1
ORTHOPHOSPHATE (2)	2	4	14	14	20	59	16	58	1	3
TOTAL PHOSPHORUS (3)	198	509	105	156	53	149	16	171	14	37
DISSOLVED PHOSPHORUS	1	1	4	13	3	25	7	49	6	22
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	1	3	10	115	0	0
TOTAL NITRATE (5)	5	5	0	0	16	16	1	2	1	2
TOTAL PHOSPHORUS (6)	1	4	1	9	1	7	1	12	1	9
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	174	471	137	254	538	1284	443	1395	191	894
PH	205	483	94	399	439	811	241	658	66	373
TOTAL ALKALINITY	6	28	55	97	45	157	29	152	19	127
DISSOLVED SOLIDS	7	11	34	34	29	32	7	16	14	92
CHLORIDE	37	131	64	111	54	159	28	120	14	101
TOTAL SULFATE	35	96	41	95	17	90	15	95	15	117
OXYGEN DEPLETION										
DISSOLVED OXYGEN	48	186	59	161	52	257	36	306	26	300
BIOCHM OXYGEN DEMAND	197	502	137	245	92	255	32	239	16	113
CHEM OXYGEN DEMAND	196	485	27	55	34	72	19	89	1	6
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	21	54	16	22	9	26	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	1	2	2	4	0	0
TOTAL BETA RAD	0	0	0	0	1	2	2	4	0	0
TOTAL COLIFORMS (7)	2	6	17	52	14	91	30	245	22	228
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	9	75
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	8	75
FECAL COLIFORMS (10)	178	418	95	159	88	221	29	188	13	190
PHENOLS	0	0	20	29	6	29	10	105	4	13
ACTIVE STATIONS	238		235		568		454		219	

KANSAS

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	24	110	1	3	3	5	0	0	0	0
TOTAL CHROMIUM	23	107	2	6	12	18	3	5	2	2
TOTAL LEAD	22	105	1	2	10	140	4	24	0	0
DDT	9	22	8	16	2	8	3	10	3	5
2,4-D	8	21	12	25	2	8	3	10	3	5
2,4,5-T	8	21	12	25	2	8	3	10	3	5
SILVEX	8	21	11	19	2	8	3	10	3	5
TOTAL MERCURY	5	7	5	5	26	48	15	19	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	258	1260	198	2077	215	1810	199	1508	132	1168
STREAM FLOW	9	41	113	730	130	1086	155	1260	129	1272
TURBIDITY	68	770	100	1432	93	1126	75	715	56	643
COLOR	12	85	7	65	15	232	16	116	19	84
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	6	21	0	0	0	0	0	0	1	1
TOTAL AMMONIA	120	360	71	770	54	268	41	206	25	125
TOTAL NITRATE (1)	7	25	35	122	43	163	32	178	38	265
TOTAL KJELDAHL NIT	99	278	0	0	0	0	0	0	0	0
TOTAL PHOSPHATE	91	552	134	869	127	916	155	975	137	1078
ORTHOPHOSPHATE (2)	7	61	12	66	25	124	2	6	3	5
TOTAL PHOSPHORUS (3)	178	753	130	1308	106	295	35	209	27	212
DISSOLVED PHOSPHORUS	9	43	6	26	5	30	8	49	11	50
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	2	2	10	40	8	69	2	13
TOTAL NITRATE (5)	17	126	21	134	32	401	35	218	20	96
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	1	3
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	202	970	181	1836	207	1916	212	1602	173	1584
PH	167	850	137	1562	157	1653	175	1370	156	1336
TOTAL ALKALINITY	115	764	139	969	165	1220	178	1306	147	1358
DISSOLVED SOLIDS	5	85	35	170	22	108	25	204	19	195
CHLORIDE	125	820	187	1671	157	1286	189	1482	171	1553
TOTAL SULFATE	125	812	137	991	148	1298	189	1373	171	1506
OXYGEN DEPLETION										
DISSOLVED OXYGEN	64	364	98	1150	101	1024	54	360	46	265
BIOCHM OXYGEN DEMAND	122	506	57	746	74	479	35	223	24	147
CHEM OXYGEN DEMAND	95	353	14	107	28	73	2	13	1	10
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	16	89	0	0	9	24	10	31	0	0
TOTAL ALPHA RAD	0	0	1	1	1	4	1	3	2	10
TOTAL BETA RAD	0	0	0	0	1	2	1	1	3	11
TOTAL COLIFORMS (7)	52	693	77	1346	67	730	50	499	51	588
TOTAL COLIFORMS (8)	2	55	3	71	3	80	3	88	1	8
FECAL COLIFORMS (9)	1	1	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	152	978	99	1445	156	1044	70	592	59	581
PHENOLS	11	83	2	4	6	21	9	22	0	0
ACTIVE STATIONS	298		257		341		259		212	

KENTUCKY

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	16	52	18	94	53	132	5	27	2	2
TOTAL CHROMIUM	7	18	9	17	50	125	1	3	2	2
TOTAL LEAD	16	58	18	108	55	129	3	5	1	1
DDT	0	0	0	0	1	15	6	18	6	22
2,4-D	0	0	0	0	1	14	1	3	0	0
2,4,5-T	0	0	0	0	1	14	1	3	0	0
SILVEX	0	0	0	0	1	14	1	3	0	0
TOTAL MERCURY	15	28	12	46	42	134	39	88	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	124	936	254	950	277	2761	209	1249	102	959
STREAM FLOW	48	156	164	393	157	441	161	550	42	387
TURBIDITY	15	92	36	187	74	634	21	344	48	450
COLOR	51	142	63	179	30	121	52	208	37	219
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	3	5	0	0	0	0	0	0	0	0
TOTAL AMMONIA	139	1108	45	223	122	724	34	319	48	380
TOTAL NITRATE (1)	97	713	25	80	50	89	6	45	4	36
TOTAL KJELDAHL NIT	131	1052	34	127	60	159	0	0	41	253
TOTAL PHOSPHATE	0	0	8	8	1	1	5	5	1	2
ORTHOPHOSPHATE (2)	1	1	0	0	1	1	0	0	1	1
TOTAL PHOSPHORUS (3)	175	1151	213	383	153	746	35	267	43	339
DISSOLVED PHOSPHORUS	11	65	32	150	63	567	19	212	42	312
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	23	32	10	54	124	325	155	387	29	228
TOTAL PHOSPHORUS (6)	28	52	171	186	143	153	140	195	2	70
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	111	312	293	711	260	1434	194	793	92	762
PH	148	845	281	860	274	1456	171	504	89	601
TOTAL ALKALINITY	145	813	297	715	291	1178	194	830	87	662
DISSOLVED SOLIDS	3	10	2	9	3	11	2	57	12	94
CHLORIDE	111	312	267	594	206	625	194	830	89	690
TOTAL SULFATE	111	309	271	608	175	547	191	726	91	650
OXYGEN DEPLETION										
DISSOLVED OXYGEN	56	439	37	499	73	2000	40	535	59	593
BIOCHM OXYGEN DEMAND	12	67	46	225	130	769	38	293	57	551
CHEM OXYGEN DEMAND	0	0	7	8	68	236	15	68	14	52
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	1	4	0	0	8	13	1	4	0	0
TOTAL ALPHA RAD	0	0	0	0	4	4	8	42	4	43
TOTAL BETA RAD	0	0	0	0	4	4	8	41	8	44
TOTAL COLIFORMS (7)	13	81	44	213	103	848	28	351	37	347
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	13	81	44	235	103	850	25	336	36	376
PHENOLS	2	9	2	14	25	91	18	85	7	30
ACTIVE STATIONS	243		306		343		228		106	

LOUISIANA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSERVTNS	1972 STATIONS	1972 OBSERVTNS	1971 STATIONS	1971 OBSERVTNS	1970 STATIONS	1970 OBSERVTNS	1969 STATIONS	1969 OBSERVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	4	4	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	4	4	4	4	3	3	1	1	0	0
TOTAL LEAD	4	4	0	0	0	0	0	0	0	0
DDT	20	81	13	31	2	2	0	0	0	0
2,4-D	20	81	13	30	2	2	0	0	0	0
2,4,5-T	20	81	13	30	2	2	0	0	0	0
SILVER	20	81	13	30	2	2	0	0	0	0
TOTAL MERCURY	42	310	23	71	3	23	35	35	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	104	564	80	310	123	7560	134	7530	154	4242
STREAM FLOW	1	8	23	90	14	85	109	827	106	305
TURBIDITY	2	30	4	27	6	83	83	809	2	57
COLOR	104	422	55	249	45	343	144	1068	134	588
EUTHOPHICATION POTENTIAL										
TOTAL NITROGEN	4	7	1	12	6	51	1	60	1	4
TOTAL AMMONIA	5	18	15	36	41	79	63	87	5	10
TOTAL NITRATE (1)	55	44	41	173	17	24	2	28	1	52
TOTAL KJELDAHL NIT	4	7	0	0	0	0	0	0	0	0
TOTAL PHOSPHATE	14	60	7	23	11	98	4	106	5	81
ORTHOPHOSPHATE (2)	1	1	0	0	0	0	0	0	0	0
TOTAL PHOSPHORUS (3)	28	126	14	35	3	3	37	44	2	9
DISSOLVED PHOSPHORUS	13	234	3	22	0	0	1	1	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPATE (4)	5	18	0	6	0	6	0	0	0	0
TOTAL NITRATE (5)	77	140	6	8	37	210	74	403	14	420
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ALKALITY & CHLORIDE										
SPECIFIC CONDUCTANCE	126	473	88	295	121	934	147	1722	134	351
PH	110	474	56	240	91	849	149	1145	150	301
TOTAL ALKALINITY	106	426	53	258	46	350	144	1144	145	550
DISSOLVED SOLIDS	4	40	7	41	4	44	103	963	2	57
CHLORIDE	123	493	57	258	132	7447	214	8338	175	7994
TOTAL SULFATE	106	449	53	258	46	348	147	1172	134	554
OXYGEN DEPLETION										
DISSOLVED OXYGEN	80	502	51	202	29	344	91	859	66	110
BIOCHM OXYGEN DEMAND	54	437	28	109	22	172	44	216	15	75
CHEM OXYGEN DEMAND	3	3	14	42	17	107	14	167	13	10
HEALTH AND AESTHETIC OBSERVATIONS										
OIL AND GREASE	11	42	13	21	16	20	35	95	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	1	1
TOTAL BETA RAD	0	0	0	0	0	0	0	0	1	1
TOTAL COLIFORMS (7)	50	359	20	77	13	70	6	49	4	4
TOTAL COLIF RMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIF RMS (9)	0	0	0	0	4	8	3	8	0	0
FECAL COLIF RMS (10)	55	340	23	73	13	72	7	35	1	2
PHENOLS	11	302	9	27	0	0	54	34	0	0
ACTIVE STATIONS	156		129		202		225		184	

MAINE

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	5	7	1	7	0	0	0	0	0	0
TOTAL CHROMIUM	5	6	0	0	0	0	0	0	0	0
TOTAL LEAD	5	7	1	7	0	0	0	0	0	0
DDT	3	3	1	1	1	1	3	3	5	5
2,4-D	3	3	1	1	1	1	3	3	5	5
2,4,5-T	2	2	1	1	1	1	3	3	5	5
SILVEX	3	3	1	1	1	1	3	3	5	5
TOTAL MERCURY	2	6	3	3	6	8	10	10	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	11	58	79	809	51	159	35	177	20	44
STREAM FLOW	8	75	7	38	8	47	6	66	16	46
TURBIDITY	9	33	19	110	28	60	23	108	4	10
COLOR	4	12	17	97	8	13	35	112	8	14
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	4	8	0	0	2	3	0	0	0	0
TOTAL AMMONIA	58	549	102	531	8	23	16	66	4	4
TOTAL NITRATE (1)	71	556	65	223	9	40	10	32	4	12
TOTAL KJELDAHL NIT	73	568	62	220	5	22	17	69	4	12
TOTAL PHOSPHATE	8	20	9	19	4	8	28	75	0	0
ORTHOPHOSPHATE (2)	3	3	0	0	0	0	24	65	0	0
TOTAL PHOSPHORUS (3)	74	591	107	551	38	99	8	29	4	12
DISSOLVED PHOSPHORUS	0	0	31	298	4	5	0	0	4	4
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	57	57	0	0	0	0	0	0
TOTAL NITRATE (5)	1	1	1	4	0	0	0	0	0	0
TOTAL PHOSPHORUS (6)	0	0	5	6	8	28	4	19	4	13
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	24	93	9	44	9	41	32	138	20	52
PH	21	87	53	603	32	147	8	84	20	51
TOTAL ALKALINITY	14	32	38	315	30	81	19	34	6	17
DISSOLVED SOLIDS	2	2	21	99	2	3	29	93	1	2
CHLORIDE	14	32	7	14	8	23	19	34	8	17
TOTAL SULFATE	14	32	7	14	8	23	19	34	8	17
OXYGEN DEPLETION										
DISSOLVED OXYGEN	11	85	48	349	45	142	35	184	20	38
BIOCHM OXYGEN DEMAND	4	27	45	287	37	119	31	115	8	19
CHEM OXYGEN DEMAND	0	0	0	0	9	16	3	9	2	4
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	4	12	5	25	13	18	4	6	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	11	71	45	274	32	112	36	227	8	23
TOTAL COLIFORMS (8)	0	0	0	0	21	30	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	21	30	0	0	0	0
FECAL COLIFORMS (10)	11	69	44	278	32	110	36	210	1	1
PHENOLS	3	4	2	2	3	3	4	7	0	0
ACTIVE STATIONS	84		148		57		40		21	

MARYLAND

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	19	147	26	117	19	19	0	0	0	0
TOTAL CHROMIUM	14	22	4	16	28	28	0	0	0	0
TOTAL LEAD	19	147	26	117	19	19	0	0	0	0
DDT	3	3	5	5	20	34	1	1	0	0
2,4-D	0	0	0	0	0	0	0	0	0	0
2,4,5-T	0	0	0	0	0	0	0	0	0	0
SILVEX	0	0	0	0	0	0	0	0	0	0
TOTAL MERCURY	14	135	25	105	4	4	2	2	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	269	3851	241	3991	404	7225	371	3432	178	2142
STREAM FLOW	30	343	37	323	42	553	50	745	60	654
TURBIDITY	29	462	42	1576	101	1129	89	819	115	809
COLOR	13	223	29	191	45	704	64	564	46	603
EUTHOPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	0	0	1	1	0	0
TOTAL AMMONIA	113	709	51	229	135	1074	196	2196	46	874
TOTAL NITRATE (1)	109	627	14	177	9	127	37	274	9	171
TOTAL KJELDAHL NIT	114	711	42	224	135	1046	213	2172	104	1292
TOTAL PHOSPHATE	194	3235	189	3419	207	1741	228	2574	74	1076
ORTHOPHOSPHATE (2)	43	102	31	43	126	995	176	2053	69	1095
TOTAL PHOSPHORUS (3)	45	458	10	24	14	16	14	19	14	24
DISSOLVED PHOSPHORUS	55	439	27	277	0	0	2	5	2	7
CHLOROPHYL A	0	0	0	0	0	0	31	106	51	142
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	5	8	0	0	0	0	0	0
TOTAL NITRATE (5)	0	0	13	13	32	42	74	85	16	20
TOTAL PHOSPHORUS (6)	53	102	32	52	89	588	35	128	61	206
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	45	747	45	1146	155	976	272	1535	59	271
PH	311	5131	240	4426	320	5012	256	1930	115	442
TOTAL ALKALINITY	72	476	81	1042	75	832	76	775	50	218
DISSOLVED SOLIDS	49	638	21	89	2	50	31	154	2	11
CHLORIDE	54	459	69	508	74	570	82	629	72	570
TOTAL SULFATE	51	218	56	126	47	184	39	182	54	202
OXYGEN DEPLETION										
DISSOLVED OXYGEN	313	3904	252	3922	439	7631	284	3583	141	984
BIOCHM OXYGEN DEMAND	248	3804	242	3885	146	1703	175	1426	74	634
CHEM OXYGEN DEMAND	0	0	0	0	1	68	1	20	1	44
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	0	0	2	2	0	0
TOTAL ALPHA RAD	0	0	0	0	16	16	18	21	17	18
TOTAL BETA RAD	0	0	0	0	16	16	18	21	17	18
TOTAL COLIFORMS (7)	4	8	3	18	2	32	0	0	4	14
TOTAL COLIFORMS (8)	102	1125	71	844	234	1977	118	1201	44	548
FECAL COLIFORMS (9)	87	957	69	717	144	1033	92	744	33	229
FECAL COLIFORMS (10)	30	114	26	138	23	207	32	485	25	132
PHENOLS	21	32	26	29	16	16	16	16	16	16
ACTIVE STATIONS	431		310		526		457		232	

MASSACHUSETTS

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	2	2	3	3	0	0	0	0	0	0
TOTAL CHROMIUM	1	1	3	3	1	1	0	0	0	0
TOTAL LEAD	2	2	3	3	5	9	0	0	0	0
DDT	3	4	1	3	3	6	2	2	3	3
2,4-D	2	3	1	3	3	6	3	3	3	3
2,4,5-T	2	3	1	3	3	6	3	3	3	3
SILVEX	2	3	1	3	3	6	3	3	3	3
TOTAL MERCURY	0	0	7	7	4	8	19	41	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	99	125	77	893	108	869	154	1921	94	1103
STREAM FLOW	89	98	23	89	57	147	56	169	71	209
TURBIDITY	4	22	52	252	52	316	91	754	5	54
COLOR	33	57	3	3	56	112	137	725	54	96
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	3	3	1	3	9	9	1	3	0	0
TOTAL AMMONIA	96	467	73	245	86	135	111	408	17	177
TOTAL NITRATE (1)	80	485	62	134	62	125	87	177	14	160
TOTAL KJELDAHL NIT	84	497	58	195	14	89	73	314	12	154
TOTAL PHOSPHATE	3	7	4	26	4	17	3	8	1	2
ORTHOPHOSPHATE (2)	56	56	0	0	25	39	24	35	26	32
TOTAL PHOSPHORUS (3)	146	551	105	456	37	129	88	475	25	100
DISSOLVED PHOSPHORUS	0	0	41	131	2	2	0	0	3	3
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	1	1	0	0	7	36	70	88	0	0
ORTHOPHOSPHATE (4)	0	0	15	15	0	0	0	0	0	0
TOTAL NITRATE (5)	4	4	1	4	1	1	0	0	1	1
TOTAL PHOSPHORUS (6)	0	0	2	4	21	36	25	39	25	25
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	106	135	69	136	62	174	101	503	74	302
PH	95	113	127	435	123	454	76	351	77	351
TOTAL ALKALINITY	91	94	76	141	92	155	130	533	91	97
DISSOLVED SOLIDS	0	0	3	3	3	3	0	0	0	0
CHLORIDE	98	101	31	36	84	111	57	108	55	62
TOTAL SULFATE	91	94	31	36	79	89	57	97	55	62
OXYGEN DEPLETION										
DISSOLVED OXYGEN	5	28	72	494	74	400	127	1440	44	241
BIOCHM OXYGEN DEMAND	0	0	5	51	15	28	84	1155	5	14
CHEM OXYGEN DEMAND	0	0	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	3	4	3	3	5	9	3	5	4	10
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	5	17	38	389	35	133	84	526	24	254
TOTAL COLIFORMS (8)	0	0	0	0	0	0	6	136	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	6	136	0	0
FECAL COLIFORMS (10)	5	16	21	72	31	115	83	440	14	177
PHENOLS	2	4	2	2	2	2	7	27	4	16
ACTIVE STATIONS	168		171		144		200		97	

MICHIGAN

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	111	378	8	54	59	86	24	114	0	0
TOTAL CHROMIUM	122	551	20	209	96	171	26	116	1	1
TOTAL LEAD	114	369	17	51	102	150	40	203	15	63
DDT	15	16	46	94	46	102	6	11	1	3
2,4-D	1	2	1	3	5	7	1	1	1	3
2,4,5-T	1	2	1	3	5	7	1	1	1	3
SILVEX	1	2	1	3	5	7	1	1	1	3
TOTAL MERCURY	267	338	247	303	260	312	60	100	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	1033	4960	1104	6785	1166	5936	1071	5105	836	4593
STREAM FLOW	147	780	73	302	226	932	200	1044	159	876
TURBIDITY	507	2361	442	2217	445	1629	384	1161	207	1102
COLOR	248	562	219	649	292	765	239	701	80	412
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	5	24	52	152	53	146	16	105	15	58
TOTAL AMMONIA	982	5068	847	4140	440	2208	475	1821	300	1622
TOTAL NITRATE (1)	897	5335	765	3327	545	2170	512	1883	331	1548
TOTAL KJELDAHL NIT	266	2414	191	499	17	48	15	71	4	23
TOTAL PHOSPHATE	78	326	151	774	120	761	89	685	67	534
ORTHOPHOSPHATE (2)	35	113	40	184	30	194	43	248	56	271
TOTAL PHOSPHORUS (3)	990	6293	797	5358	504	2081	436	1409	286	1228
DISSOLVED PHOSPHORUS	102	253	141	1081	68	242	57	152	102	544
CHLOROPHYL A	39	65	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	16	16	24	114	47	253
ORTHOPHOSPHATE (4)	31	88	30	127	30	83	0	0	0	0
TOTAL NITRATE (5)	30	45	3	4	101	102	135	236	9	33
TOTAL PHOSPHORUS (6)	36	46	29	47	28	32	1	5	1	9
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	892	3871	511	2491	648	1905	596	1584	602	1078
PH	982	7526	960	7235	461	4576	512	3151	427	2128
TOTAL ALKALINITY	497	1821	556	2896	557	1222	467	1202	224	1102
DISSOLVED SOLIDS	549	2299	441	2142	404	1512	303	855	201	742
CHLORIDE	842	4008	628	3451	754	3151	730	2648	460	2196
TOTAL SULFATE	403	750	472	1040	549	1164	504	1049	204	690
OXYGEN DEPLETION										
DISSOLVED OXYGEN	751	4318	682	4419	604	3020	483	2590	247	1813
BIOCHM OXYGEN DEMAND	521	3528	426	3548	419	2225	223	1562	180	1260
CHEM OXYGEN DEMAND	0	0	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	7	150	12	184	10	110	0	0	5	35
TOTAL ALPHA RAD	0	0	0	0	1	1	3	4	2	2
TOTAL BETA RAD	82	458	52	149	37	131	47	153	33	177
TOTAL COLIFORMS (7)	181	510	195	845	163	922	133	576	151	925
TOTAL COLIFORMS (8)	19	239	20	621	14	146	85	496	53	561
FECAL COLIFORMS (9)	24	60	28	123	28	81	0	0	0	0
FECAL COLIFORMS (10)	802	3115	922	5560	942	5168	703	3849	574	3097
PHENOLS	350	1197	378	1159	327	1040	159	636	142	467
ACTIVE STATIONS	1577		1739		1521		1342		951	

MINNESOTA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	21	31	15	18	3	3	0	0	0	0
TOTAL CHROMIUM	21	21	3	6	3	3	1	1	1	1
TOTAL LEAD	21	31	15	18	3	3	0	0	0	0
DDT	49	79	19	34	17	22	61	139	64	65
2,4-D	0	0	1	1	2	3	3	8	1	2
2,4,5-T	0	0	1	1	2	3	3	8	1	2
SILVEX	0	0	1	1	2	3	3	7	1	2
TOTAL MERCURY	21	29	12	12	0	0	11	11	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	111	528	358	1623	103	333	75	803	108	768
STREAM FLOW	36	215	50	147	51	174	44	211	77	226
TURBIDITY	208	1169	112	845	97	832	86	910	87	859
COLOR	93	295	307	525	207	707	157	1273	144	1191
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	51	135	29	62	7	10	48	231	56	377
TOTAL AMMONIA	646	3011	474	2779	131	837	158	1253	156	1309
TOTAL NITRATE (1)	477	3442	349	1387	116	795	114	847	212	1133
TOTAL KJELDAHL NIT	313	2628	322	795	36	70	13	102	32	192
TOTAL PHOSPHATE	0	0	52	101	28	53	54	456	54	886
ORTHOPHOSPHATE (2)	18	23	34	85	10	39	15	26	75	128
TOTAL PHOSPHORUS (3)	528	3608	648	2975	200	928	111	851	87	900
DISSOLVED PHOSPHORUS	35	148	189	1539	6	42	17	53	62	196
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	17	17	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	13	13	7	11	7	11	26	124	16	156
TOTAL NITRATE (5)	5	5	3	3	14	25	33	105	74	146
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	199	2004	335	1833	222	1557	171	2532	209	2627
PH	256	2060	491	3239	222	1606	195	2936	231	3147
TOTAL ALKALINITY	214	1230	483	2579	223	993	157	1271	209	1457
DISSOLVED SOLIDS	7	14	2	11	4	15	6	35	6	56
CHLORIDE	244	1275	301	1040	219	976	169	1380	208	1480
TOTAL SULFATE	170	800	191	291	130	255	154	703	195	672
OXYGEN DEPLETION										
DISSOLVED OXYGEN	146	1875	277	2556	104	1412	106	2336	103	2500
BIOCHM OXYGEN DEMAND	209	1185	120	847	102	864	109	1305	106	1456
CHEM OXYGEN DEMAND	1	7	1	11	1	6	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	41	50	12	12	4	4	55	55	59	59
TOTAL ALPHA RAD	12	25	44	99	11	15	64	139	3	3
TOTAL BETA RAD	22	35	13	62	11	15	64	128	3	3
TOTAL COLIFORMS (7)	26	113	24	124	4	120	59	426	56	304
TOTAL COLIFORMS (8)	181	1033	94	728	92	730	88	663	67	734
FECAL COLIFORMS (9)	142	1081	91	710	91	707	86	803	82	837
FECAL COLIFORMS (10)	25	61	26	87	10	95	57	474	52	272
PHENOLS	51	233	12	22	4	4	62	62	62	62
ACTIVE STATIONS	559		737		242		213		259	

MISSISSIPPI

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	3	3	36	88	3	3	0	0	0	0
TOTAL CHROMIUM	1	1	36	89	0	0	0	0	0	0
TOTAL LEAD	3	3	36	89	3	3	0	0	0	0
DDT	1	1	1	1	7	7	1	1	0	0
2,4-D	1	1	1	1	7	7	1	1	0	0
2,4,5-T	1	1	1	1	7	7	1	1	0	0
SILVEX	1	1	1	1	7	7	1	1	0	0
TOTAL MERCURY	1	1	36	69	4	4	0	0	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	97	665	194	1304	111	544	72	578	56	297
STREAM FLOW	50	404	36	69	108	387	63	469	45	227
TURBIDITY	21	53	76	444	17	76	2	99	2	89
COLOR	22	45	22	90	116	206	51	230	43	106
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	3	3	0	0	0	0	0	0	0	0
TOTAL AMMONIA	77	442	111	470	40	45	0	0	0	0
TOTAL NITRATE (1)	45	217	1	1	37	37	0	0	0	0
TOTAL KJELDAHL NIT	80	449	106	466	1	29	1	16	0	0
TOTAL PHOSPHATE	22	45	22	89	28	105	25	147	25	58
ORTHOPHOSPHATE (2)	21	21	5	16	9	9	0	0	0	0
TOTAL PHOSPHORUS (3)	83	451	114	486	41	68	2	21	0	0
DISSOLVED PHOSPHORUS	0	0	0	0	0	0	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	2	5	39	91	21	66	18	36	31	58
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	85	468	51	302	109	499	80	591	59	245
PH	102	673	167	954	102	467	80	604	61	234
TOTAL ALKALINITY	80	206	65	254	42	182	51	513	44	189
DISSOLVED SOLIDS	20	43	19	74	27	123	28	123	3	6
CHLORIDE	42	97	101	684	110	154	32	97	29	81
TOTAL SULFATE	42	97	47	141	41	151	51	230	46	110
OXYGEN DEPLETION										
DISSOLVED OXYGEN	79	583	112	891	100	432	56	451	50	183
BIOCHM OXYGEN DEMAND	22	44	140	587	27	114	25	123	23	46
CHEM OXYGEN DEMAND	0	0	36	74	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	24	77	16	16	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	2	6	2	6
TOTAL BETA RAD	0	0	0	0	0	0	2	6	2	6
TOTAL COLIFORMS (7)	34	111	22	81	23	79	23	123	21	42
TOTAL COLIFORMS (8)	0	0	85	463	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	85	462	17	19	0	0	0	0
FECAL COLIFORMS (10)	15	68	10	48	27	62	0	0	5	5
PHENOLS	0	0	17	50	0	0	0	0	0	0
ACTIVE STATIONS	151		235		154		83		64	

MISSOURI

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	41	108	47	82	5	25	0	0	0	0
TOTAL CHROMIUM	52	123	47	115	3	10	0	0	2	5
TOTAL LEAD	34	70	48	76	9	29	4	5	4	4
DDT	12	34	12	18	6	12	2	7	2	2
2,4-D	12	35	9	12	3	6	2	7	2	2
2,4,5-T	12	35	9	12	3	6	2	7	2	2
SILVEX	12	35	9	12	3	6	2	7	2	2
TOTAL MERCURY	4	30	9	32	36	127	35	37	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	650	2672	182	1205	241	1725	180	1118	146	648
STREAM FLOW	226	490	73	504	102	923	124	1132	133	1135
TURBIDITY	72	543	48	503	127	954	108	799	52	707
COLOR	112	909	86	879	86	831	103	984	111	770
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	78	260	5	47	5	25	5	75	5	42
TOTAL AMMONIA	407	2473	153	1149	216	1471	147	1093	101	797
TOTAL NITRATE (1)	102	353	47	373	110	276	98	255	51	369
TOTAL KJELDAHL NIT	532	1617	20	235	5	22	0	0	0	0
TOTAL PHOSPHATE	39	86	36	155	50	171	53	255	43	294
ORTHOPHOSPHATE (2)	28	74	35	120	39	147	78	238	51	249
TOTAL PHOSPHORUS (3)	574	1575	85	525	129	911	79	495	75	311
DISSOLVED PHOSPHORUS	75	429	45	344	40	379	38	322	51	183
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	59	378	40	119	100	560	26	129	2	34
TOTAL NITRATE (5)	1	5	5	10	5	40	7	52	4	17
TOTAL PHOSPHORUS (6)	0	0	0	0	1	1	1	1	14	42
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	526	1984	170	1008	265	1675	182	945	183	951
PH	683	1368	172	1463	204	1659	178	1237	162	1432
TOTAL ALKALINITY	116	985	90	933	182	1352	126	995	114	1007
DISSOLVED SOLIDS	27	402	27	412	31	402	35	442	27	863
CHLORIDE	171	1173	139	1124	165	1240	154	1187	141	1181
TOTAL SULFATE	170	932	151	853	168	1016	157	917	140	855
OXYGEN DEPLETION										
DISSOLVED OXYGEN	636	1305	142	1249	215	1371	146	1084	141	1105
BIOCHM OXYGEN DEMAND	494	1503	62	390	114	529	30	153	19	185
CHEM OXYGEN DEMAND	509	1527	40	262	44	122	1	1	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	28	54	11	55	14	53	3	3	0	0
TOTAL ALPHA RAD	0	0	0	0	1	1	2	3	3	3
TOTAL BETA RAD	0	0	0	0	1	1	2	3	3	3
TOTAL COLIFORMS (7)	29	148	14	181	11	52	91	583	110	487
TOTAL COLIFORMS (8)	1	365	1	366	1	302	1	365	13	469
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	12	104
FECAL COLIFORMS (10)	558	1725	129	788	204	1290	151	900	115	518
PHENOLS	21	216	14	52	13	36	0	0	4	14
ACTIVE STATIONS	742		234		343		236		183	

MONTANA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	8	46	7	44	50	104	22	194	0	0
TOTAL CHROMIUM	8	11	6	12	47	92	6	14	6	13
TOTAL LEAD	3	41	18	102	56	122	29	307	0	0
DDT	5	16	15	34	12	47	15	47	11	27
2,4-D	5	16	15	34	9	35	11	23	11	24
2,4,5-T	5	16	15	34	9	35	11	23	11	24
SILVEX	5	16	15	34	9	35	11	23	11	24
TOTAL MERCURY	7	55	11	51	39	89	37	288	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	88	1403	121	1466	212	1357	124	1115	75	666
STREAM FLOW	60	646	80	816	135	1097	73	1286	57	1087
TURBIDITY	20	526	47	290	101	582	76	634	44	327
COLOR	3	54	22	110	28	101	77	676	70	782
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	43	503	23	269	12	25	3	7	1	9
TOTAL AMMONIA	21	137	53	191	52	358	52	436	45	283
TOTAL NITRATE (1)	11	30	54	269	69	415	80	985	75	674
TOTAL KJELDAHL NIT	27	323	30	315	18	69	5	14	29	112
TOTAL PHOSPHATE	20	30	40	204	104	449	17	139	1	2
ORTHOPHOSPHATE (2)	107	603	88	629	128	1143	19	121	14	99
TOTAL PHOSPHORUS (3)	28	142	25	145	25	159	41	291	54	340
DISSOLVED PHOSPHORUS	30	352	45	391	115	330	46	295	37	239
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	18	64	40	84	49	533	24	103	30	125
TOTAL NITRATE (5)	4	4	35	85	132	275	46	285	59	448
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	99	912	117	2164	237	2077	95	1190	88	1052
PH	116	1220	102	1105	151	1208	117	1319	90	1103
TOTAL ALKALINITY	111	1279	124	1161	222	1343	111	1310	84	1064
DISSOLVED SOLIDS	21	548	6	62	30	106	24	222	9	91
CHLORIDE	94	670	113	694	243	1171	77	856	62	697
TOTAL SULFATE	96	646	112	642	189	911	93	866	84	965
OXYGEN DEPLETION										
DISSOLVED OXYGEN	41	181	70	596	84	705	62	432	46	327
BIOCHM OXYGEN DEMAND	37	158	46	319	28	223	26	197	22	129
CHEM OXYGEN DEMAND	10	55	5	46	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	10	11	4	6	3	4	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	5	5	2	2
TOTAL BETA RAD	0	0	0	0	0	0	2	2	2	2
TOTAL COLIFORMS (7)	44	312	42	242	31	215	36	202	25	123
TOTAL COLIFORMS (8)	19	42	10	20	8	16	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	43	270	38	212	44	274	27	130	12	37
PHENOLS	5	7	0	0	0	0	1	2	0	0
ACTIVE STATIONS	184		181		318		134		93	

NEBRASKA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	12	29	14	55	0	0	0	0	0	0
TOTAL CHROMIUM	30	48	20	67	3	51	11	13	4	10
TOTAL LEAD	29	45	14	53	1	34	0	0	0	0
DDT	11	18	8	20	16	41	8	32	8	28
2,4-D	11	18	8	20	16	41	7	31	8	26
2,4,5-T	11	18	8	20	16	41	7	31	8	26
SILVEX	11	18	8	20	16	41	7	31	8	26
TOTAL MERCURY	25	29	12	40	22	55	11	12	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	592	2390	586	4557	345	2188	319	2106	293	1561
STREAM FLOW	108	712	103	1084	45	1195	92	1227	80	721
TURBIDITY	354	1400	353	1556	277	1580	270	1476	247	1178
COLOR	109	291	86	327	68	384	71	289	52	272
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	81	68	31	132	42	171	4	27	7	52
TOTAL AMMONIA	530	797	247	757	96	525	89	446	48	211
TOTAL NITRATE (1)	675	945	265	1045	267	1222	314	1584	260	1228
TOTAL KJELDAHL NIT	259	589	187	490	47	161	0	0	0	0
TOTAL PHOSPHATE	209	512	246	1073	229	1048	229	1176	217	985
ORTHOPHOSPHATE (2)	5	15	22	112	15	85	35	99	48	204
TOTAL PHOSPHORUS (3)	259	689	216	950	59	344	69	224	60	154
DISSOLVED PHOSPHORUS	141	404	121	372	84	439	68	368	59	241
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	6	50	21	38	0	0
TOTAL NITRATE (5)	5	19	4	8	16	24	3	10	3	11
TOTAL PHOSPHORUS (6)	0	0	2	10	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	552	2081	502	3938	360	2098	319	2048	293	1548
PH	552	2074	1123	4837	331	2225	313	2048	285	1580
TOTAL ALKALINITY	390	1424	1000	2177	321	1605	317	1582	270	1312
DISSOLVED SOLIDS	262	908	287	1170	251	1162	225	1161	221	745
CHLORIDE	415	1571	504	1469	327	1567	317	1534	271	1269
TOTAL SULFATE	415	1441	523	1459	320	1461	312	1521	274	1144
OXYGEN DEPLETION										
DISSOLVED OXYGEN	391	1610	421	1921	291	1767	269	1740	248	1260
BIOCHM OXYGEN DEMAND	197	1080	267	1095	129	1016	74	755	98	552
CHEM OXYGEN DEMAND	247	797	146	734	94	601	68	473	66	325
HEALTH AND AESTHETIC OBJECTIVES										
OIL AND GREASE	19	52	23	106	7	43	0	0	1	0
TOTAL ALPHA RAD	0	0	0	0	1	1	3	4	2	3
TOTAL BETA RAD	0	0	0	0	1	1	3	4	2	3
TOTAL COLIFORMS (7)	18	240	33	345	55	558	37	305	24	166
TOTAL COLIFORMS (8)	0	0	13	100	1	45	0	0	3	16
FECAL COLIFORMS (9)	0	0	12	48	0	0	0	0	2	15
FECAL COLIFORMS (10)	357	1081	233	744	114	916	58	535	46	369
PHENOLS	0	0	4	16	5	18	0	0	0	0
ACTIVE STATIONS	634		1233		427		424		540	

NEVADA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	1	4	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	1	4	0	0	0	0	0	0	0	0
TOTAL LEAD	1	4	0	0	0	0	0	0	0	0
DDT	1	3	1	2	3	10	2	14	3	6
2,4-D	1	3	1	2	3	10	2	14	3	6
2,4,5-T	1	3	1	2	3	10	2	14	3	7
SILVEX	1	3	1	2	3	10	2	14	3	7
TOTAL MERCURY	2	6	0	0	7	7	0	0	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	107	372	229	938	191	1154	100	921	67	620
STREAM FLOW	14	187	14	126	17	440	23	451	20	253
TURBIDITY	1	10	22	221	18	215	21	199	46	292
COLOR	0	0	21	220	18	215	83	209	52	354
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	9	23	10	34	6	25	1	1	6	18
TOTAL AMMONIA	11	61	7	19	6	29	5	10	6	21
TOTAL NITRATE (1)	0	0	6	17	32	104	29	133	33	102
TOTAL KJELDAHL NIT	11	52	10	31	3	6	6	34	10	40
TOTAL PHOSPHATE	0	0	21	219	20	217	28	225	56	347
ORTHOPHOSPHATE (2)	92	175	183	660	192	825	93	519	57	375
TOTAL PHOSPHORUS (3)	11	52	10	36	6	28	2	3	0	0
DISSOLVED PHOSPHORUS	9	51	5	7	2	2	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	7	14	8	33	1	1	0	0
TOTAL NITRATE (5)	65	78	204	483	180	795	84	447	53	340
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	3	10	1	11
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	129	366	200	633	182	746	78	574	61	130
PH	65	305	23	153	20	199	21	181	21	178
TOTAL ALKALINITY	56	176	41	389	37	355	37	336	21	417
DISSOLVED SOLIDS	4	13	5	5	3	20	6	57	9	108
CHLORIDE	130	253	218	1039	195	961	97	601	86	487
TOTAL SULFATE	120	253	196	754	172	663	73	345	18	93
OXYGEN DEPLETION										
DISSOLVED OXYGEN	7	85	31	273	30	304	34	249	56	403
BIOCHM OXYGEN DEMAND	0	0	20	202	20	228	23	249	47	377
CHEM OXYGEN DEMAND	0	0	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	1	1	0	0	1	30
TOTAL BETA RAD	0	0	0	0	1	1	0	0	1	34
TOTAL COLIFORMS (7)	0	0	17	197	17	201	19	188	34	245
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	0	0	18	201	18	214	20	189	34	244
PHENOLS	0	0	0	0	0	0	0	0	0	0
ACTIVE STATIONS	141		249		229		131		104	

NEW HAMPSHIRE STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	0	0	1	1	0	0	0	0	0	0
TOTAL CHROMIUM	0	0	2	3	2	3	0	0	0	0
TOTAL LEAD	0	0	1	1	0	0	0	0	0	0
DDT	1	1	0	0	1	2	1	1	1	1
2,4-D	1	1	0	0	1	2	1	1	1	1
2,4,5-T	1	1	0	0	1	2	1	1	1	1
SILVEX	1	1	0	0	1	2	1	1	1	1
TOTAL MERCURY	0	0	1	1	0	0	4	4	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	13	57	31	454	17	642	6	399	7	522
STREAM FLOW	4	10	5	23	6	40	9	44	6	35
TURBIDITY	4	10	17	104	23	117	4	11	2	6
COLOR	2	2	1	1	1	1	4	4	4	25
EUTHOPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	2	3	0	0	0	0
TOTAL AMMONIA	58	479	74	383	3	18	3	7	4	20
TOTAL NITRATE (1)	57	483	57	221	6	38	4	15	5	30
TOTAL KJELDAHL NIT	79	510	56	219	5	19	2	4	2	10
TOTAL PHOSPHATE	4	4	1	5	2	5	0	0	0	0
ORTHOPHOSPHATE (2)	1	1	0	0	4	5	0	0	0	0
TOTAL PHOSPHORUS (3)	57	503	73	364	7	17	1	5	2	7
DISSOLVED PHOSPHORUS	0	0	24	161	1	1	0	0	1	1
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	4	4	2	0	0	0	0	0
TOTAL NITRATE (5)	0	0	0	0	0	0	0	0	0	0
TOTAL PHOSPHORUS (6)	0	0	0	0	1	1	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	25	46	52	98	9	54	6	19	3	5
PH	10	51	73	279	21	96	1	11	3	10
TOTAL ALKALINITY	1	1	63	194	14	20	2	3	4	15
DISSOLVED SOLIDS	4	24	1	1	1	1	0	0	0	0
CHLORIDE	15	33	3	4	4	25	4	11	6	21
TOTAL SULFATE	3	3	1	1	7	11	3	4	3	21
OXYGEN DEPLETION										
DISSOLVED OXYGEN	1	1	30	214	17	83	2	12	2	9
BIOCHM OXYGEN DEMAND	8	26	11	35	10	22	2	2	1	1
CHEM OXYGEN DEMAND	0	0	0	0	4	6	1	2	1	3
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	1	1	1	1	7	14	1	2	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	9	49	7	31	4	11	2	11	2	9
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	9	49	7	32	1	6	2	12	2	7
PHENOLS	1	1	1	1	1	1	1	2	1	5
ACTIVE STATIONS	93		103		38		15		14	

NEW JERSEY

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	94	290	73	191	72	183	1	1	0	0
TOTAL CHROMIUM	114	271	99	231	72	202	9	172	6	308
TOTAL LEAD	131	387	104	277	72	129	2	2	0	0
DDT	19	24	20	44	9	14	8	23	10	15
2,4-D	20	26	19	42	8	13	6	14	7	9
2,4,5-T	20	26	19	42	8	13	6	14	7	9
SILVEX	20	25	19	42	8	13	6	14	7	9
TOTAL MERCURY	119	373	99	224	38	147	51	96	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	452	2427	480	2075	405	2616	462	3161	527	5118
STREAM FLOW	6	26	43	223	45	255	48	275	56	222
TURBIDITY	109	407	265	751	244	974	306	1508	201	860
COLOR	34	107	322	948	267	908	243	804	263	1124
EUTHOPHICATION POTENTIAL										
TOTAL NITROGEN	76	158	0	0	0	0	19	167	2	2
TOTAL AMMONIA	349	1456	339	816	266	884	334	1758	289	2178
TOTAL NITRATE (1)	341	1302	435	1075	294	1055	330	1784	283	2002
TOTAL KJELDAHL NIT	330	1779	167	429	20	244	62	509	38	586
TOTAL PHOSPHATE	41	91	220	577	181	777	209	1074	324	2083
ORTHOPHOSPHATE (2)	153	403	125	379	96	400	87	345	55	240
TOTAL PHOSPHORUS (3)	229	1439	147	403	30	171	134	606	1	5
DISSOLVED PHOSPHORUS	2	4	0	0	0	0	1	1	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	1	1	0	0	0	0	0	0	8	98
ORTHOPHOSPHATE (4)	101	182	137	487	98	253	0	0	0	0
TOTAL NITRATE (5)	13	22	55	266	14	49	10	11	16	23
TOTAL PHOSPHORUS (6)	50	86	1	1	0	0	1	1	8	9
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	332	1332	166	1418	119	1220	203	1406	165	1686
PH	350	1587	467	1925	373	2255	427	2622	398	2774
TOTAL ALKALINITY	180	570	149	612	132	657	213	1515	176	1489
DISSOLVED SOLIDS	10	16	10	15	3	7	1	2	5	12
CHLORIDE	353	869	225	877	147	990	173	1523	143	1837
TOTAL SULFATE	149	238	139	535	96	435	70	348	84	366
OXYGEN DEPLETION										
DISSOLVED OXYGEN	674	2221	393	1816	319	1924	347	2536	367	2708
BIOCHM OXYGEN DEMAND	266	1318	356	1040	332	1316	254	1245	279	1264
CHEM OXYGEN DEMAND	27	63	13	20	0	0	11	11	2	37
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	53	85	31	41	21	21	7	13	9	33
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	134	776	183	1038	126	850	147	1378	152	1531
TOTAL COLIFORMS (8)	14	22	3	5	6	51	24	535	19	202
FECAL COLIFORMS (9)	34	141	205	554	189	676	178	602	184	716
FECAL COLIFORMS (10)	160	517	134	1008	90	791	141	1257	103	1318
PHENOLS	41	73	38	49	10	18	31	190	41	600
ACTIVE STATIONS	688		733		495		741		796	

NEW MEXICO

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	3	4	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	3	4	0	0	0	0	0	0	0	0
TOTAL LEAD	20	36	18	36	10	12	0	0	0	0
DDT	1	1	5	9	6	12	5	7	2	3
2,4-D	1	1	5	9	8	18	5	7	2	3
2,4,5-T	1	1	5	9	8	18	5	7	2	3
SILVEX	1	1	5	9	8	18	5	7	2	3
TOTAL MERCURY	27	39	20	39	25	37	0	0	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	206	1237	206	915	119	863	198	815	97	728
STREAM FLOW	45	558	46	597	67	873	134	1125	94	1290
TURBIDITY	27	548	59	540	32	217	78	679	16	211
COLOR	23	135	13	151	19	193	58	284	20	70
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	21	95	14	43	10	10	11	20	0	0
TOTAL AMMONIA	23	132	12	19	11	21	1	1	0	0
TOTAL NITRATE (1)	35	148	12	23	17	27	36	164	156	265
TOTAL KJELDAHL NIT	55	289	16	52	11	16	1	1	0	0
TOTAL PHOSPHATE	0	0	0	0	0	0	1	1	13	15
ORTHOPHOSPHATE (2)	133	379	114	217	71	154	55	58	19	19
TOTAL PHOSPHORUS (3)	29	103	22	129	19	46	17	45	4	25
DISSOLVED PHOSPHORUS	25	88	0	0	0	0	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	19	33	14	44	0	0	0	0
TOTAL NITRATE (5)	7	38	8	42	11	15	45	344	33	709
TOTAL PHOSPHORUS (6)	33	154	0	0	1	1	12	44	3	20
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	212	1358	215	1094	128	467	251	1150	170	1156
PH	177	977	211	1019	134	826	233	1123	223	1248
TOTAL ALKALINITY	140	720	163	872	97	577	204	964	141	1075
DISSOLVED SOLIDS	11	14	8	12	5	5	3	5	33	82
CHLORIDE	150	624	143	540	107	582	241	1023	213	1125
TOTAL SULFATE	148	620	143	540	107	566	223	927	213	1127
OXYGEN DEPLETION										
DISSOLVED OXYGEN	38	403	55	368	44	209	64	291	76	507
BIOCHM OXYGEN DEMAND	5	177	14	157	16	131	16	145	92	209
CHEM OXYGEN DEMAND	2	187	3	128	1	5	1	6	11	14
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	3	3	2	12	4	21
TOTAL BETA RAD	0	0	0	0	3	3	2	12	4	21
TOTAL COLIFORMS (7)	0	0	10	40	37	150	37	262	33	200
TOTAL COLIFORMS (8)	1	1	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	1	1	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	87	738	83	584	58	200	39	259	33	187
PHENOLS	0	0	0	0	0	0	0	0	0	0
ACTIVE STATIONS	250		279		343		310		304	

NEW YORK

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	201	452	160	583	165	371	3	3	0	0
TOTAL CHROMIUM	222	368	142	266	146	324	17	115	1	7
TOTAL LEAD	347	694	143	551	144	320	3	3	0	0
DDT	15	27	17	17	32	39	97	101	11	13
2,4-D	15	26	17	17	33	40	102	106	6	7
2,4,5-T	15	26	17	17	33	40	102	106	6	7
SILVEX	15	26	17	17	33	39	102	104	6	6
TOTAL MERCURY	303	699	387	855	179	356	154	165	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	724	2402	717	4760	753	3931	641	4683	414	4410
STREAM FLOW	173	966	233	2129	276	642	289	574	57	336
TURBIDITY	198	400	108	501	337	2675	250	2795	166	2122
COLOR	15	33	100	165	461	2102	725	2972	376	2491
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	82	140	105	361	115	423	1	1	0	0
TOTAL AMMONIA	536	3542	427	3859	582	2168	314	2136	248	2131
TOTAL NITRATE (1)	591	3604	775	1534	620	2114	349	2242	299	2008
TOTAL KJELDAHL NIT	574	3833	390	1529	19	62	36	115	18	44
TOTAL PHOSPHATE	67	95	129	370	56	93	105	483	173	707
ORTHOPHOSPHATE (2)	115	551	147	201	282	1239	284	1491	247	1474
TOTAL PHOSPHORUS (3)	745	4297	792	2283	337	1189	232	556	135	290
DISSOLVED PHOSPHORUS	6	10	89	823	99	99	17	56	15	55
CHLOROPHYL A	102	739	217	3502	0	0	0	0	0	0
TOTAL ALGAE	2	11	4	24	5	35	5	73	5	94
ORTHOPHOSPHATE (4)	110	219	97	158	122	291	12	394	0	0
TOTAL NITRATE (5)	19	19	159	190	329	482	462	672	200	381
TOTAL PHOSPHORUS (6)	0	0	58	77	134	806	203	533	122	570
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	613	1932	677	1663	757	2990	673	3412	593	3274
PH	885	2037	850	4314	910	4103	886	4245	809	3791
TOTAL ALKALINITY	580	1422	782	4729	597	1549	688	1778	400	1316
DISSOLVED SOLIDS	15	39	24	119	59	144	62	425	105	856
CHLORIDE	750	1811	855	4473	808	3818	997	4649	611	3576
TOTAL SULFATE	534	1193	715	2633	667	2422	799	3021	441	2284
OXYGEN DEPLETION										
DISSOLVED OXYGEN	294	1679	294	1664	498	2505	471	2847	492	2641
BIOCHM OXYGEN DEMAND	213	442	118	279	333	1118	208	1313	230	1700
CHEM OXYGEN DEMAND	57	74	4	4	35	61	6	25	5	16
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	125	166	47	56	27	28	7	11	0	0
TOTAL ALPHA RAD	0	0	0	0	1	1	1	4	1	4
TOTAL BETA RAD	0	0	0	0	1	1	1	4	1	4
TOTAL COLIFORMS (7)	154	472	79	544	123	574	83	604	104	613
TOTAL COLIFORMS (8)	25	43	95	114	122	169	138	182	119	196
FECAL COLIFORMS (9)	48	135	44	267	58	173	33	216	0	0
FECAL COLIFORMS (10)	204	497	90	527	213	1002	95	572	110	640
PHENOLS	42	79	142	165	48	260	109	309	15	200
ACTIVE STATIONS	1486		1701		1366		1347		934	

NORTH CAROLINA — STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSERVTNS	1972 STATIONS	1972 OBSERVTNS	1971 STATIONS	1971 OBSERVTNS	1970 STATIONS	1970 OBSERVTNS	1969 STATIONS	1969 OBSERVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	47	106	4	5	22	22	5	5	1	1
TOTAL CHROMIUM	92	184	151	588	158	370	143	376	122	289
TOTAL LEAD	36	88	5	11	22	22	0	0	0	0
DDT	1	1	2	3	3	3	16	27	7	8
2,4-D	1	1	1	1	2	2	0	0	1	2
2,4,5-T	1	1	1	1	2	2	0	0	1	2
SILVEX	1	1	1	1	2	2	0	0	1	2
TOTAL MERCURY	128	211	512	871	150	252	1334	1429	20	34
PHYSICAL MODIFICATION										
WATER TEMPERATURE	635	2870	1207	4128	1311	4719	1753	6437	1819	5091
STREAM FLOW	139	548	125	735	479	1713	520	1488	310	1910
TURBIDITY	100	249	32	40	106	147	177	213	73	235
COLOR	126	227	150	423	227	535	273	584	159	405
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	7	18	1	1	0	0	19	63	20	193
TOTAL AMMONIA	372	2338	135	485	96	510	33	64	46	106
TOTAL NITRATE (1)	179	1196	100	214	78	143	53	92	52	223
TOTAL KJELDAHL NIT	468	2842	136	512	94	534	10	23	7	31
TOTAL PHOSPHATE	27	72	1	1	20	45	46	120	20	45
ORTHOPHOSPHATE (2)	4	9	14	56	93	222	94	322	43	255
TOTAL PHOSPHORUS (3)	450	2478	233	824	153	657	69	117	57	252
DISSOLVED PHOSPHORUS	22	24	0	0	0	0	2	10	23	30
CHLOROPHYLL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	2	6	10	27	6	11	16	22	16	146
TOTAL NITRATE (5)	25	25	40	43	37	96	43	154	42	114
TOTAL PHOSPHORUS (6)	2	0	0	0	0	0	0	0	1	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	171	559	161	609	108	718	123	716	137	685
PH	541	2323	1144	3705	1436	4165	1725	5744	1744	4687
TOTAL ALKALINITY	471	1724	1173	3450	1141	3677	1704	5553	1747	4282
DISSOLVED SOLIDS	19	27	13	22	35	56	13	24	31	44
CHLORIDE	143	319	141	450	204	720	193	587	146	569
TOTAL SULFATE	141	274	129	371	125	433	120	451	125	341
OXYGEN DEPLETION										
DISSOLVED OXYGEN	530	2545	1144	3764	1274	4235	1734	6100	1404	5282
MIDDAY OXYGEN (EMA)	378	717	347	1249	342	1104	467	1649	517	1529
CHEM OXYGEN DEMAND	45	201	0	0	3	6	2	41	0	0
HEALTH AND AESTHETIC [illegible]										
OIL AND GREASE	22	59	9	14	8	15	13	43	13	20
TOTAL ALPHA RAD	3	14	3	24	21	44	0	0	0	0
TOTAL BETA RAD	3	14	3	24	21	44	17	26	5	17
TOTAL COLIFORMS (7)	63	51	59	222	9	22	28	50	51	210
TOTAL COLIFORMS (8)	1	1	8	99	41	239	448	1563	1346	3045
FECAL COLIFORMS (9)	65	142	8	100	276	795	304	585	43	55
FECAL COLIFORMS (10)	451	428	982	2752	771	2247	426	2514	140	508
PHENOLS	59	107	78	234	87	214	128	347	113	206
ACTIVE STATIONS	1455		1252		1370		1413		1681	

NORTH DAKOTA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	3	7	1	1	0	0	0	0	0	0
TOTAL CHROMIUM	5	9	0	0	3	3	1	1	1	1
TOTAL LEAD	4	8	1	1	2	2	0	0	0	0
DDT	2	2	10	14	9	20	8	21	9	14
2,4-D	2	2	10	14	9	20	8	21	9	14
2,4,5-T	2	2	10	14	9	20	8	21	8	13
SILVEX	2	2	10	14	9	20	8	21	9	14
TOTAL MERCURY	9	39	5	16	6	12	7	7	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	488	1798	245	1345	248	1034	102	881	101	981
STREAM FLOW	114	1100	118	663	56	578	45	464	36	385
TURBIDITY	9	30	6	17	3	19	23	206	44	276
COLOR	54	163	38	149	35	191	33	168	36	223
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	2	9	0	0	0	0	0	0	0	0
TOTAL AMMONIA	15	85	16	76	14	94	14	147	19	146
TOTAL NITRATE (1)	6	36	38	181	48	260	48	243	91	463
TOTAL KJELDAHL NIT	3	17	1	1	0	0	8	82	4	83
TOTAL PHOSPHATE	66	320	36	283	33	135	1	9	30	34
ORTHOPHOSPHATE (2)	141	571	148	395	69	179	0	0	35	98
TOTAL PHOSPHORUS (3)	11	65	13	74	10	84	20	144	50	267
DISSOLVED PHOSPHORUS	99	269	89	337	89	320	38	140	50	194
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	5	23	10	79	46	186
TOTAL NITRATE (5)	52	53	59	61	123	267	46	240	34	206
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	482	1916	268	2287	198	1488	72	1710	86	1657
PH	481	1910	267	908	191	788	77	634	91	864
TOTAL ALKALINITY	476	928	245	748	185	673	64	437	83	706
DISSOLVED SOLIDS	8	26	6	30	5	18	3	32	29	148
CHLORIDE	538	1188	292	974	219	846	99	613	108	735
TOTAL SULFATE	538	1188	292	975	219	846	94	621	104	698
OXYGEN DEPLETION										
DISSOLVED OXYGEN	82	440	48	394	47	386	43	414	83	502
BIOCHM OXYGEN DEMAND	72	350	40	333	39	337	44	441	88	649
CHEM OXYGEN DEMAND	0	0	0	0	0	0	0	0	1	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	1	1	0	0	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	2	16	3	8
TOTAL BETA RAD	0	0	0	0	0	0	2	16	3	8
TOTAL COLIFORMS (7)	73	358	38	284	33	267	35	240	58	450
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	1	4
FECAL COLIFORMS (9)	0	0	0	0	0	0	8	42	7	58
FECAL COLIFORMS (10)	72	325	37	305	34	168	7	32	20	170
PHENOLS	1	1	0	0	0	0	0	0	0	0
ACTIVE STATIONS	558		317		282		113		144	

OHIO

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	1015	1812	328	507	81	115	34	84	52	217
TOTAL CHROMIUM	1019	1843	328	505	68	113	39	84	52	216
TOTAL LEAD	1025	1833	329	517	60	100	39	84	51	216
DDT	158	311	15	73	15	77	18	84	7	27
2,4-D	1	1	2	7	1	1	0	0	0	0
2,4,5-T	1	1	2	7	1	1	0	0	0	0
SILVEX	1	1	2	7	1	1	0	0	0	0
TOTAL MERCURY	129	383	79	285	107	176	50	51	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	485	8579	413	8454	429	38211	326	34310	316	27206
STREAM FLOW	84	441	29	314	231	14543	230	15941	267	10677
TURBIDITY	1009	6761	898	6587	1050	7301	778	7202	53	5937
COLOR	949	1783	868	2518	1005	2862	741	1903	43	568
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	1	1	2	25	2	12	0	0	0	0
TOTAL AMMONIA	513	2540	89	1943	133	2102	59	1186	83	940
TOTAL NITRATE (1)	1148	3884	899	3180	647	3593	500	1801	53	845
TOTAL KJELDAHL NIT	255	1577	17	142	16	36	0	0	20	129
TOTAL PHOSPHATE	973	1979	363	1549	34	924	13	276	7	208
ORTHOPHOSPHATE (2)	9	145	10	181	14	240	5	288	2	184
TOTAL PHOSPHORUS (3)	979	2423	295	1516	74	916	34	408	31	391
DISSOLVED PHOSPHORUS	24	323	27	425	48	405	25	217	24	213
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	9	516	14	685	22	556	20	769	20	1104
ORTHOPHOSPHATE (4)	0	0	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	70	340	19	84	230	1254	222	1253	203	969
TOTAL PHOSPHORUS (6)	54	321	239	505	196	580	146	621	22	405
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	1349	7642	379	6372	385	36628	294	32663	320	24263
PH	488	4702	342	5599	358	26290	301	21422	355	15322
TOTAL ALKALINITY	1647	8509	1194	7757	1266	9490	995	8035	242	6533
DISSOLVED SOLIDS	54	317	53	1042	72	1337	62	1448	74	1463
CHLORIDE	1319	5248	1189	5503	1265	5985	995	5047	273	3797
TOTAL SULFATE	1272	4025	1191	4353	1259	4730	991	3497	307	2284
OXYGEN DEPLETION										
DISSOLVED OXYGEN	252	6257	141	6103	140	29340	115	22984	100	15688
BIOCHM OXYGEN DEMAND	123	1153	57	1362	58	1295	37	599	29	396
CHEM OXYGEN DEMAND	0	0	5	9	8	11	4	35	27	106
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	59	135	34	163	71	423	35	143	53	273
TOTAL ALPHA RAD	482	812	31	241	27	268	44	329	19	156
TOTAL BETA RAD	459	802	31	241	27	269	44	329	20	158
TOTAL COLIFORMS (7)	78	3304	49	2963	54	2747	45	2627	44	2689
TOTAL COLIFORMS (8)	9	710	10	2057	9	2503	10	2830	10	2731
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	120	3901	47	1047	54	567	46	479	41	542
PHENOLS	91	485	63	426	86	879	50	469	84	644
ACTIVE STATIONS	1753		1351		1521		1117		414	

OKLAHOMA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	51	61	4	4	11	13	4	4	0	0
TOTAL CHROMIUM	27	37	7	10	8	12	10	13	0	0
TOTAL LEAD	52	67	5	5	16	18	15	34	0	0
DDT	29	48	2	14	3	19	4	19	3	12
2,4-D	29	50	2	14	3	20	3	18	3	11
2,4,5-T	29	50	2	14	3	20	3	18	3	11
SILVEX	29	50	2	14	3	20	3	18	3	11
TOTAL MERCURY	8	13	3	17	6	48	5	7	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	512	2077	408	1951	188	1265	184	952	125	536
STREAM FLOW	28	29	7	146	34	1239	60	1787	60	2585
TURBIDITY	218	328	72	162	16	167	8	104	7	91
COLOR	25	114	44	145	10	208	9	133	18	68
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	134	166	14	26	6	6	0	0	1	1
TOTAL AMMONIA	95	355	71	193	26	186	8	21	7	9
TOTAL NITRATE (1)	477	1729	501	1985	264	898	161	217	79	87
TOTAL KJELDAHL NIT	110	119	3	17	2	58	2	35	1	1
TOTAL PHOSPHATE	49	280	58	570	105	1212	42	619	114	1042
ORTHOPHOSPHATE (2)	15	15	28	57	43	76	17	18	1	1
TOTAL PHOSPHORUS (3)	522	2139	452	1955	219	787	13	94	8	14
DISSOLVED PHOSPHORUS	0	0	1	2	0	0	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	63	510	61	327	110	1392	100	1074	60	1218
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	117	1020	53	1295	79	2641	256	2783	168	2776
PH	617	2980	530	3265	352	3378	339	2842	204	2325
TOTAL ALKALINITY	632	3134	561	3131	327	3142	128	2531	90	1528
DISSOLVED SOLIDS	1	1	4	19	7	65	102	132	57	60
CHLORIDE	642	3312	580	3311	346	3346	315	2802	206	2897
TOTAL SULFATE	499	2748	368	2424	195	2681	275	2623	193	2686
OXYGEN DEPLETION										
DISSOLVED OXYGEN	519	1980	509	2327	282	1045	56	245	12	84
BIOCHM OXYGEN DEMAND	236	455	154	481	97	487	86	239	76	100
CHEM OXYGEN DEMAND	152	172	56	143	50	195	109	111	90	90
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	5	8	3	9	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	2	6	2	2
TOTAL BETA RAD	0	0	0	0	0	0	2	6	2	2
TOTAL COLIFORMS (7)	2	8	6	6	7	35	2	12	1	10
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	2	9	8	23	9	37	3	8	0	0
PHENOLS	31	103	8	44	4	74	11	49	23	24
ACTIVE STATIONS	653		637		425		349		212	

OREGON

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	1	1	17	111	21	57	0	0	0	0
TOTAL CHROMIUM	1	1	17	115	22	43	0	0	0	0
TOTAL LEAD	1	1	17	112	22	41	6	22	0	0
DDT	3	10	6	16	6	28	13	31	5	22
2,4-D	2	8	2	4	3	10	3	8	1	4
2,4,5-T	2	8	2	4	3	11	3	8	1	4
SILVEX	2	8	2	4	3	11	3	8	1	4
TOTAL MERCURY	1	1	17	32	14	46	9	9	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	250	987	561	3632	435	2141	574	2969	509	3317
STREAM FLOW	46	243	71	997	178	1458	222	3399	215	2749
TURBIDITY	362	935	250	1014	282	835	354	1106	282	1022
COLOR	294	748	242	942	274	755	347	1116	296	1072
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	15	39	17	40	6	19	24	114	1	6
TOTAL AMMONIA	524	981	269	998	274	820	305	881	215	765
TOTAL NITRATE (1)	524	935	256	941	266	746	369	887	214	765
TOTAL KJELDAHL NIT	119	147	34	274	29	122	53	206	14	119
TOTAL PHOSPHATE	0	0	0	0	15	15	108	422	82	333
ORTHOPHOSPHATE (2)	433	955	260	738	276	733	285	746	206	616
TOTAL PHOSPHORUS (3)	103	182	31	295	35	155	29	108	19	144
DISSOLVED PHOSPHORUS	0	0	14	149	14	21	0	0	23	23
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	4	14	7	16	20	50	31	101	14	129
TOTAL NITRATE (5)	0	0	2	2	0	0	16	54	16	61
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	5	7	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	537	714	457	2593	341	2946	474	8441	581	3544
PH	288	436	540	3252	434	2900	572	8453	501	8268
TOTAL ALKALINITY	424	957	271	1011	303	857	363	1211	202	1062
DISSOLVED SOLIDS	1	1	14	114	36	82	76	293	74	313
CHLORIDE	425	937	244	898	300	811	361	1102	294	1084
TOTAL SULFATE	424	952	247	908	300	812	353	1143	291	1069
OXYGEN DEPLETION										
DISSOLVED OXYGEN	149	454	535	3487	390	2902	562	6722	490	3485
BIOCHM OXYGEN DEMAND	134	332	447	2259	374	1593	515	2132	434	2214
CHEM OXYGEN DEMAND	0	0	3	3	8	31	0	0	1	15
HEALTH AND AESTHETIC OBJECTATION										
OIL AND GREASE	0	0	3	3	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	75	275	75	277
TOTAL BETA RAD	0	0	0	0	0	0	75	274	75	283
TOTAL COLIFORMS (7)	14	59	28	218	20	76	8	31	4	24
TOTAL COLIFORMS (8)	101	314	119	2432	417	1742	490	2305	453	2407
FECAL COLIFORMS (9)	140	376	489	2204	471	1784	594	1982	361	1063
FECAL COLIFORMS (10)	7	42	20	96	14	43	2	12	2	5
PHENOLS	0	0	0	0	8	8	2	7	2	8
CTIVE STATIONS	5010		9201		7325		803		679	

PENNSYLVANIA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	444	664	409	621	77	130	9	10	10	12
TOTAL CHROMIUM	632	948	847	1250	228	439	159	504	98	513
TOTAL LEAD	648	946	532	761	75	132	22	81	14	18
DDT	5	5	4	7	6	6	17	31	3	6
2,4-D	1	1	0	0	1	1	4	4	3	3
2,4,5-T	1	1	0	0	1	1	3	3	0	0
SILVER	1	1	0	0	1	1	3	3	0	0
TOTAL MERCURY	282	407	266	352	51	104	11	50	1	1
PHYSICAL MODIFICATION										
WATER TEMPERATURE	1672	3033	1540	3235	840	3732	825	4341	1106	3911
STREAM FLOW	79	276	100	721	403	2016	428	2572	648	3328
TURBIDITY	1925	3427	2694	4492	1354	3288	1439	3736	1635	3474
COLOR	729	1088	1209	1868	809	2535	728	2502	902	2586
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	28	79	0	0	0	0	0	0	0	0
TOTAL AMMONIA	2821	5550	3007	4991	1115	2521	1116	2249	1128	2331
TOTAL NITRATE (1)	2904	4748	3005	5009	1063	1993	966	1955	1045	2050
TOTAL KJELDAHL NIT	281	1753	279	522	135	749	74	528	55	505
TOTAL PHOSPHATE	52	304	37	361	66	773	58	466	34	417
ORTHOPHOSPHATE (2)	104	355	167	253	134	911	113	419	45	74
TOTAL PHOSPHORUS (3)	1561	3935	1336	2245	138	372	85	237	133	267
DISSOLVED PHOSPHORUS	256	400	293	421	60	136	58	131	59	140
CHLOROPHYL A	3	25	0	0	0	0	0	0	13	20
TOTAL ALGAE	1	4	1	12	2	174	1	216	1	133
ORTHOPHOSPHATE (4)	420	585	742	1118	926	1567	583	939	497	742
TOTAL NITRATE (5)	9	10	0	0	34	94	15	113	19	122
TOTAL PHOSPHORUS (6)	43	58	149	198	0	0	5	101	23	152
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	756	2107	866	1476	476	1985	398	2497	338	1596
PH	1417	3131	2289	4282	1330	4890	1426	6010	1592	5972
TOTAL ALKALINITY	3456	5754	4186	7336	2100	5474	2285	6084	2564	5929
DISSOLVED SOLIDS	116	200	157	217	7	295	14	325	21	284
CHLORIDE	2451	4116	2955	5037	1407	3835	1473	4446	1589	4481
TOTAL SULFATE	1462	2721	1791	2941	966	2927	1287	3845	1702	5312
OXYGEN DEPLETION										
DISSOLVED OXYGEN	740	2441	1110	2388	506	2568	509	3000	581	2691
BIOCHM OXYGEN DEMAND	1443	2587	2418	4221	1349	3641	1273	3994	1216	3847
CHEM OXYGEN DEMAND	231	390	253	396	70	216	92	177	71	166
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	180	258	253	416	74	134	36	114	29	56
TOTAL ALPHA RAD	0	0	5	8	137	172	189	736	186	767
TOTAL BETA RAD	0	0	5	7	39	48	94	235	101	317
TOTAL COLIFORMS (7)	57	487	53	534	47	428	65	877	29	453
TOTAL COLIFORMS (8)	33	37	0	0	11	69	10	241	8	22
FECAL COLIFORMS (9)	28	28	1	22	1	1	0	0	0	0
FECAL COLIFORMS (10)	85	365	78	606	74	722	47	805	28	457
PHENOLS	204	440	158	217	11	58	26	265	33	106
ACTIVE STATIONS	5728		4986		2633		2739		3045	

RHODE ISLAND

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	17	17	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	17	17	0	0	0	0	0	0	0	0
TOTAL LEAD	17	17	0	0	2	4	0	0	0	0
DDT	14	14	0	0	5	5	5	5	5	5
2,4-D	2	2	0	0	5	5	5	5	5	5
2,4,5-T	2	2	0	0	5	5	5	5	5	5
SILVEX	2	2	0	0	5	5	5	5	5	5
TOTAL MERCURY	0	0	2	2	2	4	4	4	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	18	33	12	43	36	895	86	892	8	60
STREAM FLOW	5	18	2	8	2	5	7	6	1	4
TURBIDITY	6	11	6	24	18	84	37	174	5	10
COLOR	15	23	2	2	18	66	41	183	5	5
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	0	0	0	0	0	0
TOTAL AMMONIA	25	207	30	133	36	144	34	94	5	5
TOTAL NITRATE (1)	25	206	28	114	7	22	7	23	5	10
TOTAL KJELDAHL NIT	24	211	28	119	32	151	36	142	5	10
TOTAL PHOSPHATE	12	12	5	12	5	10	5	5	0	0
ORTHOPHOSPHATE (2)	1	1	0	0	0	0	0	0	0	0
TOTAL PHOSPHORUS (3)	29	220	32	146	33	156	33	170	5	10
DISSOLVED PHOSPHORUS	0	0	21	65	5	5	0	0	5	5
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	21	105	28	33	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	0	0	0	0	0	0	0	0	0	0
TOTAL PHOSPHORUS (6)	0	0	0	0	5	11	0	0	5	17
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	14	34	27	40	8	28	34	341	5	15
PH	18	34	31	62	21	134	14	57	7	56
TOTAL ALKALINITY	13	13	24	52	19	67	41	163	5	5
DISSOLVED SOLIDS	0	0	5	5	5	5	0	0	0	0
CHLORIDE	14	15	3	3	7	7	13	13	6	8
TOTAL SULFATE	13	13	3	3	7	7	13	13	5	5
OXYGEN DEPLETION										
DISSOLVED OXYGEN	18	30	10	35	33	284	51	516	5	15
BIOCHM OXYGEN DEMAND	0	0	1	1	7	12	35	258	5	5
CHEM OXYGEN DEMAND	0	0	1	1	5	10	5	20	5	10
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	2	10	2	2	5	5	5	5	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	4	11	5	10	33	148	33	153	7	52
TOTAL COLIFORMS (8)	0	0	0	0	0	0	17	255	6	40
FECAL COLIFORMS (9)	0	0	0	0	0	0	17	255	0	0
FECAL COLIFORMS (10)	4	15	5	10	33	121	33	153	5	10
PHENOLS	2	3	2	2	5	5	5	5	0	0
ACTIVE STATIONS	54		36		47		73		17	

SOUTH CARLONIA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	947	2092	91	107	8	22	1	1	0	0
TOTAL CHROMIUM	953	2138	101	110	32	142	18	70	8	18
TOTAL LEAD	939	2083	66	76	56	131	1	1	0	0
DDT	3	3	1	1	2	2	2	2	1	2
2,4-D	2	2	1	1	2	2	2	2	1	1
2,4,5-T	2	2	1	1	2	2	2	2	1	2
SILVEX	2	2	1	1	2	2	2	2	1	2
TOTAL MERCURY	956	2440	410	642	58	143	4	4	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	1868	9590	1729	6881	1224	3906	907	3445	796	2515
STREAM FLOW	36	178	58	198	53	374	27	422	34	354
TURBIDITY	865	1878	546	837	409	745	317	717	314	638
COLOR	1504	5809	1511	4711	1021	2645	848	2566	739	1791
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	3	5	5	36	142	332	13	26	7	178
TOTAL AMMONIA	358	2740	6	40	14	289	36	131	7	178
TOTAL NITRATE (1)	171	1448	405	729	60	108	20	66	11	202
TOTAL KJELDAHL NIT	354	2740	13	121	17	292	49	160	0	0
TOTAL PHOSPHATE	1	1	27	61	65	197	11	18	18	29
ORTHOPHOSPHATE (2)	1541	6839	1410	5069	281	593	23	45	5	29
TOTAL PHOSPHORUS (3)	353	2739	23	113	38	386	57	365	33	254
DISSOLVED PHOSPHORUS	1	1	0	0	0	0	0	0	8	111
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	1	6	0	0	8	260	25	114	0	0
TOTAL NITRATE (5)	11	11	19	19	7	7	6	6	12	12
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	98	182	313	1951	129	972	41	390	45	864
PH	1599	5705	479	2132	159	1458	46	429	72	921
TOTAL ALKALINITY	1804	8783	1551	5566	1104	3056	911	2897	789	2264
DISSOLVED SOLIDS	78	183	2	9	6	20	5	19	4	17
CHLORIDE	119	461	59	553	276	994	41	83	47	103
TOTAL SULFATE	30	68	27	69	13	70	40	82	46	102
OXYGEN DEPLETION										
DISSOLVED OXYGEN	243	1531	1704	7380	1208	4233	889	3192	773	2984
BIOCHM OXYGEN DEMAND	1730	7252	1511	5406	1051	2895	660	2761	776	2274
CHEM OXYGEN DEMAND	304	445	112	127	3	3	34	65	6	14
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	21	64	0	0	0	0	1	2	8	22
TOTAL ALPHA RAD	0	0	0	0	1	1	0	0	0	0
TOTAL BETA RAD	0	0	0	0	1	1	1	1	0	0
TOTAL COLIFORMS (7)	4	13	58	83	181	451	21	29	20	53
TOTAL COLIFORMS (8)	12	80	59	564	2	4	8	20	12	22
FECAL COLIFORMS (9)	32	132	811	1645	606	1755	249	588	329	987
FECAL COLIFORMS (10)	1694	6688	1605	4654	442	1198	140	392	191	787
PHENOLS	48	82	14	15	3	5	13	20	3	5
ACTIVE STATIONS	2084		1811		1274		967		967	

SOUTH DAKOTA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	5	7	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	4	9	0	0	2	2	6	8	5	6
TOTAL LEAD	4	8	0	0	0	0	0	0	0	0
DDT	1	4	4	6	18	31	18	51	15	41
2,4-D	1	4	4	6	6	19	18	50	15	40
2,4,5-T	1	4	4	6	6	19	18	50	15	39
SILVEX	1	4	4	6	6	19	18	50	15	40
TOTAL MERCURY	13	49	31	54	31	70	8	8	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	125	617	230	915	168	752	114	2564	67	2419
STREAM FLOW	50	205	72	229	101	471	73	832	47	459
TURBIDITY	9	27	76	286	87	338	90	1065	63	685
COLOR	3	30	3	41	17	62	32	90	9	17
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	12	71	9	29	0	0	4	4	5	22
TOTAL AMMONIA	35	249	29	127	15	103	42	325	9	54
TOTAL NITRATE (1)	14	70	42	179	43	161	95	812	65	590
TOTAL KJELDAHL NIT	25	210	15	73	6	27	0	0	0	0
TOTAL PHOSPHATE	23	140	43	167	55	273	0	0	2	3
ORTHOPHOSPHATE (2)	90	536	154	431	112	400	21	89	31	147
TOTAL PHOSPHORUS (3)	46	256	49	234	40	279	50	536	23	137
DISSOLVED PHOSPHORUS	74	231	78	236	19	54	60	584	23	144
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	9	19	33	154	22	87	0	0
TOTAL NITRATE (5)	4	4	5	5	3	3	7	35	11	61
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	134	574	219	810	195	834	134	576	107	475
PH	138	588	239	901	193	736	115	1067	82	590
TOTAL ALKALINITY	114	439	222	594	174	679	116	481	87	573
DISSOLVED SOLIDS	4	7	85	175	66	220	69	579	55	149
CHLORIDE	134	438	196	574	156	607	74	435	71	424
TOTAL SULFATE	133	409	193	507	153	562	73	411	73	473
OXYGEN DEPLETION										
DISSOLVED OXYGEN	88	337	142	586	105	422	81	957	47	216
BIOCHM OXYGEN DEMAND	28	218	36	208	14	97	40	495	17	108
CHEM OXYGEN DEMAND	10	96	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC OBSERVATION										
OIL AND GREASE	0	0	0	0	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	3	3	2	3	2	7
TOTAL BETA RAD	0	0	0	0	3	3	2	3	2	7
TOTAL COLIFORMS (7)	12	121	12	58	5	44	9	33	8	70
TOTAL COLIFORMS (8)	0	0	1	1	1	1	30	367	3	12
FECAL COLIFORMS (9)	1	7	1	1	1	1	30	367	1	10
FECAL COLIFORMS (10)	14	106	59	219	90	277	41	142	41	151
PHENOLS	0	0	0	0	0	0	0	0	1	4
ACTIVE STATIONS	142		278		238		153		118	

TENNESSEE

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	141	709	96	1184	41	350	15	66	0	0
TOTAL CHROMIUM	175	859	149	1525	57	374	18	61	2	22
TOTAL LEAD	165	860	143	1318	24	241	4	6	0	0
DDT	2	14	11	17	9	22	2	2	1	1
2,4-D	0	0	0	0	1	1	1	1	1	1
2,4,5-T	0	0	0	0	1	1	1	1	1	1
SILVEX	0	0	0	0	1	1	1	1	1	1
TOTAL MERCURY	124	683	91	266	33	288	98	261	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	361	7093	299	4799	251	6463	185	5763	158	3857
STREAM FLOW	12	74	18	96	23	87	35	140	20	67
TURBIDITY	206	1458	134	1661	159	1464	99	1648	103	1327
COLOR	178	1279	100	650	162	1456	90	587	98	471
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	3	6	5	23	1	16
TOTAL AMMONIA	530	4388	171	1086	188	2451	107	1654	86	1194
TOTAL NITRATE (1)	298	2080	148	625	140	1599	107	1676	80	1135
TOTAL KJELDAHL NIT	394	3224	49	207	13	47	0	0	12	77
TOTAL PHOSPHATE	2	2	30	164	35	161	34	129	26	141
ORTHOPHOSPHATE (2)	0	0	4	24	5	27	1	4	11	114
TOTAL PHOSPHORUS (3)	568	4694	145	880	141	1948	80	1108	77	1131
DISSOLVED PHOSPHORUS	107	993	31	364	36	737	61	760	50	957
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	0	0	7	48	7	75	7	51
TOTAL NITRATE (5)	1	1	0	0	5	14	6	34	16	76
TOTAL PHOSPHORUS (6)	0	0	5	15	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	208	2597	149	2628	191	2132	105	1032	103	572
PH	337	4454	234	3502	197	2662	138	1591	122	1332
TOTAL ALKALINITY	316	2915	174	1227	152	2174	121	1529	136	1487
DISSOLVED SOLIDS	214	1428	133	901	85	1683	62	907	50	199
CHLORIDE	157	1199	133	979	165	1386	92	913	115	611
TOTAL SULFATE	167	1224	114	902	165	1073	98	1017	100	471
OXYGEN DEPLETION										
DISSOLVED OXYGEN	523	6215	201	3179	219	5057	148	3521	135	2898
BIOCHM OXYGEN DEMAND	207	1412	168	870	116	1194	55	284	61	474
CHEM OXYGEN DEMAND	65	246	13	38	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	22	60	30	93	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	1	2	2	11	1	5	7	47
TOTAL BETA RAD	0	0	1	2	2	12	2	6	7	47
TOTAL COLIFORMS (7)	168	1136	98	577	106	1097	51	193	42	189
TOTAL COLIFORMS (8)	19	180	23	122	1	1	0	0	0	0
FECAL COLIFORMS (9)	19	180	28	202	1	1	0	0	0	0
FECAL COLIFORMS (10)	166	1116	110	563	110	1096	57	215	46	191
PHENOLS	50	343	33	89	2	67	5	32	10	80
ACTIVE STATIONS	676		390		537		291		197	

TEXAS

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	3	9	0	0	7	11	0	0	0	0
TOTAL CHROMIUM	3	9	2	4	73	140	2	2	0	0
TOTAL LEAD	3	9	0	0	6	10	0	0	0	0
DDT	87	262	105	320	111	445	68	202	57	207
2,4-D	87	264	105	315	112	447	68	198	57	200
2,4,5-T	87	264	105	317	112	447	68	197	57	200
SILVEX	87	264	105	316	112	447	67	196	57	200
TOTAL MERCURY	3	7	2	12	32	96	2	4	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	304	1779	338	1834	308	2093	258	1707	215	1039
STREAM FLOW	10	25	254	1982	314	3986	256	3867	232	3670
TURBIDITY	77	453	102	595	124	1080	53	351	10	200
COLOR	87	420	96	547	131	1027	48	415	10	134
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	1	1	0	0	0	0	0	0
TOTAL AMMONIA	130	599	151	973	170	1256	120	851	57	70
TOTAL NITRATE (1)	288	1357	332	2194	339	4113	282	3465	221	853
TOTAL KJELDAHL NIT	3	15	1	1	6	106	6	79	0	0
TOTAL PHOSPHATE	1	3	4	27	4	27	3	41	59	360
ORTHOPHOSPHATE (2)	0	0	2	2	1	1	1	3	0	0
TOTAL PHOSPHORUS (3)	131	606	148	755	155	1306	136	939	104	220
DISSOLVED PHOSPHORUS	0	0	0	0	0	0	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	1	1	1	2	1	5	1	6	1	1
TOTAL NITRATE (5)	1	1	40	45	16	17	67	72	546	1935
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	1	3	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	313	1749	387	3148	394	5001	377	4339	694	3848
PH	315	1713	391	3101	377	4923	398	4480	725	3985
TOTAL ALKALINITY	313	1607	387	3017	394	4867	378	4267	690	3822
DISSOLVED SOLIDS	3	5	11	72	23	189	12	161	12	125
CHLORIDE	316	1733	391	3147	393	5137	410	4541	713	3774
TOTAL SULFATE	315	1683	388	3101	377	5043	409	4492	712	3651
OXYGEN DEPLETION										
DISSOLVED OXYGEN	132	603	147	801	145	1208	124	740	103	545
BIOCHM OXYGEN DEMAND	128	573	148	752	173	1223	124	624	85	474
CHEM OXYGEN DEMAND	1	3	5	18	29	89	5	19	2	9
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	23	44	44	161	59	255	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	7	30	7	10
TOTAL BETA RAD	0	0	0	0	0	0	7	30	7	10
TOTAL COLIFORMS (7)	40	208	63	329	59	556	31	67	6	16
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	40	202	62	326	58	555	30	59	5	9
PHENOLS	35	104	79	371	95	662	30	59	1	1
ACTIVE STATIONS	324		419		422		425		764	

UTAH

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	2	2	1	1	2	37	1	1	0	0
TOTAL CHROMIUM	6	8	20	20	2	37	1	1	0	0
TOTAL LEAD	3	4	1	1	2	37	1	1	0	0
DDT	2	3	54	54	2	10	1	10	1	10
2,4-D	2	3	2	2	2	8	1	10	1	10
2,4,5-T	2	3	2	2	2	8	1	10	1	10
SILVEX	2	3	2	2	2	8	1	10	1	10
TOTAL MERCURY	268	696	275	571	113	207	12	12	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	339	915	600	2441	263	917	62	291	31	233
STREAM FLOW	197	714	305	1688	189	856	63	331	30	555
TURBIDITY	286	760	394	983	139	332	133	335	126	199
COLOR	1	1	1	1	0	0	0	0	0	0
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	1	2	8	8	0	0	1	1	0	0
TOTAL AMMONIA	8	13	68	123	15	51	6	21	7	16
TOTAL NITRATE (1)	320	889	397	1651	158	578	171	430	132	204
TOTAL KJELDAHL NIT	17	18	13	25	9	43	0	0	0	0
TOTAL PHOSPHATE	51	173	331	1388	155	576	155	396	134	224
ORTHOPHOSPHATE (2)	424	1006	325	681	132	348	48	153	15	42
TOTAL PHOSPHORUS (3)	9	10	37	57	16	22	0	0	0	0
DISSOLVED PHOSPHORUS	0	0	0	0	0	0	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	24	64	26	112	0	0	0	0
TOTAL NITRATE (5)	18	34	17	83	10	11	12	29	9	39
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	5	3	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	573	1569	845	3127	416	1274	194	636	166	651
PH	910	2322	753	3347	414	2037	286	1747	248	1902
TOTAL ALKALINITY	492	1129	604	1291	331	848	186	554	158	571
DISSOLVED SOLIDS	5	11	9	19	2	4	1	2	3	14
CHLORIDE	472	1013	580	1062	336	791	213	600	167	589
TOTAL SULFATE	476	1086	624	1322	335	801	210	608	162	584
OXYGEN DEPLETION										
DISSOLVED OXYGEN	306	1089	276	1398	41	160	18	45	18	61
BIOCHM OXYGEN DEMAND	374	1715	547	3482	213	1605	212	1442	199	1398
CHEM OXYGEN DEMAND	0	0	2	2	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	146	400	110	279	10	55	9	60	9	24
TOTAL ALPHA RAD	17	23	42	73	55	116	50	132	41	69
TOTAL BETA RAD	28	41	43	90	57	135	51	133	41	70
TOTAL COLIFORMS (7)	25	72	31	249	22	40	0	0	1	1
TOTAL COLIFORMS (8)	365	1451	537	3584	220	1495	223	1527	222	1697
FECAL COLIFORMS (9)	0	0	58	58	0	0	0	0	0	0
FECAL COLIFORMS (10)	169	916	180	1258	154	832	1	9	1	8
PHENOLS	8	11	13	24	0	0	0	0	0	0
ACTIVE STATIONS	716		1063		584		366		305	

VERMONT

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	0	0	1	1	0	0	0	0	0	0
TOTAL CHROMIUM	0	0	1	1	0	0	0	0	0	0
TOTAL LEAD	0	0	1	1	0	0	0	0	0	0
DDT	1	1	1	2	1	1	1	1	1	1
2,4-D	1	1	1	2	1	1	1	1	1	1
2,4,5-T	1	1	1	2	1	1	1	1	1	1
SILVEX	1	1	1	2	1	2	1	1	1	1
TOTAL MERCURY	0	0	1	1	0	0	2	2	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	12	41	37	361	14	565	18	371	7	634
STREAM FLOW	9	36	9	60	9	43	6	41	5	38
TURBIDITY	9	36	17	111	18	92	5	16	2	15
COLOR	0	0	1	1	1	1	1	1	3	96
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	1	1	0	0	0	0
TOTAL AMMONIA	76	539	93	569	1	2	1	1	3	78
TOTAL NITRATE (1)	70	538	87	321	13	32	8	23	4	30
TOTAL KJELDAHL NIT	74	541	87	325	3	19	1	12	3	32
TOTAL PHOSPHATE	3	5	1	8	1	9	1	3	1	5
ORTHOPHOSPHATE (2)	5	5	0	0	9	12	0	0	1	5
TOTAL PHOSPHORUS (3)	74	533	92	575	3	18	1	12	2	7
DISSOLVED PHOSPHORUS	0	0	73	313	1	1	0	0	1	1
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	43	46	0	0	0	0	0	0
TOTAL NITRATE (5)	0	0	0	0	1	1	0	0	1	6
TOTAL PHOSPHORUS (6)	0	0	1	2	1	2	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	12	42	62	152	15	65	5	25	3	49
PH	1	4	88	409	17	79	13	49	3	95
TOTAL ALKALINITY	5	5	80	352	13	27	5	9	3	88
DISSOLVED SOLIDS	0	0	1	1	1	1	0	0	0	0
CHLORIDE	8	32	2	4	9	15	1	2	3	94
TOTAL SULFATE	0	0	2	4	12	23	1	1	3	41
OXYGEN DEPLETION										
DISSOLVED OXYGEN	4	9	35	261	16	77	10	47	2	86
BIOCHM OXYGEN DEMAND	0	0	1	1	2	2	1	1	2	11
CHEM OXYGEN DEMAND	0	0	0	0	2	8	0	0	1	25
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	1	1	0	0	1	2	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	1	4	1	11	6	27	1	21	2	12
TOTAL COLIFORMS (8)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	1	26
FECAL COLIFORMS (10)	1	4	1	11	3	20	1	21	1	8
PHENOLS	0	0	1	1	0	0	1	2	1	22
ACTIVE STATIONS	88		112		29		21		4	

VIRGINIA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	6	24	60	81	6	14	1	1	0	0
TOTAL CHROMIUM	27	64	47	98	13	34	9	45	0	0
TOTAL LEAD	6	24	60	87	4	4	0	0	0	0
DDT	5	5	10	16	6	6	5	8	5	5
2,4-D	0	0	1	1	1	1	1	1	0	0
2,4,5-T	0	0	1	1	1	1	1	1	0	0
SILVEX	0	0	1	1	1	1	1	1	0	0
TOTAL MERCURY	17	38	54	89	2	10	24	39	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	178	2851	239	2225	245	2158	191	2684	200	2061
STREAM FLOW	29	318	38	965	36	913	31	699	87	515
TURBIDITY	28	177	64	571	92	626	45	535	56	368
COLOR	55	431	225	722	202	920	150	835	81	465
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	0	0	1	1	3	40
TOTAL AMMONIA	208	1117	120	467	81	321	94	458	62	384
TOTAL NITRATE (1)	120	573	75	542	89	426	42	234	17	243
TOTAL KJELDAHL NIT	204	1189	124	521	70	264	83	489	57	155
TOTAL PHOSPHATE	33	96	12	59	61	543	68	905	50	514
ORTHOPHOSPHATE (2)	60	236	173	260	183	259	186	530	27	91
TOTAL PHOSPHORUS (3)	146	1027	33	206	41	223	19	85	11	32
DISSOLVED PHOSPHORUS	32	195	19	326	10	277	20	191	12	182
CHLOROPHYL A	0	0	0	0	0	0	11	61	36	71
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	40	392	35	431	31	215	12	109	0	0
TOTAL NITRATE (5)	20	20	110	116	137	227	121	285	155	406
TOTAL PHOSPHORUS (6)	50	94	51	77	7	7	21	79	59	96
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	54	418	228	1403	220	1582	180	1624	243	1488
PH	173	1414	307	2199	269	2259	258	2378	327	1815
TOTAL ALKALINITY	94	1123	237	922	212	1088	205	1205	293	1170
DISSOLVED SOLIDS	3	7	17	28	13	22	19	56	2	8
CHLORIDE	55	464	183	1256	203	1126	184	1055	259	1245
TOTAL SULFATE	63	440	217	691	225	983	185	924	244	669
OXYGEN DEPLETION										
DISSOLVED OXYGEN	137	2328	162	2279	134	2123	169	2537	135	2149
BIOCHM OXYGEN DEMAND	83	446	129	790	101	852	116	914	82	650
CHEM OXYGEN DEMAND	0	0	0	0	1	4	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	33	50	0	0	16	20	4	0
TOTAL ALPHA RAD	0	0	0	0	1	12	1	42	0	0
TOTAL BETA RAD	0	0	0	0	1	12	1	42	0	0
TOTAL COLIFORMS (7)	5	9	39	133	38	196	49	204	5	17
TOTAL COLIFORMS (8)	31	180	16	228	54	391	71	636	41	527
FECAL COLIFORMS (9)	32	229	21	344	37	430	14	81	15	147
FECAL COLIFORMS (10)	30	190	31	316	68	413	70	431	15	35
PHENOLS	25	56	36	91	1	7	11	53	1	7
ACTIVE STATIONS	283		357		324		359		562	

WASHINGTON — STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	15	174	62	230	31	45	1	1	0	0
TOTAL CHROMIUM	15	146	67	219	90	433	14	27	0	0
TOTAL LEAD	33	247	67	263	51	328	24	76	0	0
DDT	54	90	6	15	16	52	15	40	7	29
2,4-D	1	2	1	3	4	12	9	33	4	18
2,4,5-T	1	2	1	3	4	12	9	33	4	18
SILVEX	1	2	1	3	4	12	2	12	1	4
TOTAL MERCURY	102	896	177	964	84	665	39	72	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	539	5417	1018	12555	750	17077	686	14606	502	10080
STREAM FLOW	42	204	199	1842	235	1615	94	556	54	459
TURBIDITY	278	2178	491	4772	342	4194	341	2498	192	2884
COLOR	209	1749	220	1939	276	2933	217	792	141	763
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	11	23	2	11	5	11	22	44	21	21
TOTAL AMMONIA	377	2770	329	2221	336	2917	172	526	24	179
TOTAL NITRATE (1)	366	2503	404	3143	364	3913	213	798	104	594
TOTAL KJELDAHL NIT	234	1542	299	1762	260	2114	124	410	21	170
TOTAL PHOSPHATE	0	0	9	40	45	196	47	129	17	79
ORTHOPHOSPHATE (2)	196	1337	120	590	50	238	40	81	5	17
TOTAL PHOSPHORUS (3)	394	2770	376	2566	353	3353	182	639	47	215
DISSOLVED PHOSPHORUS	24	178	35	225	53	101	19	126	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	3	7	25	74	50	299	42	191
TOTAL NITRATE (5)	17	303	22	254	21	67	105	463	98	633
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	5	9	1	1
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	382	2611	612	5404	543	5636	375	3257	275	3200
PH	376	3485	592	7015	507	6628	494	3509	301	3738
TOTAL ALKALINITY	143	492	399	2617	280	1875	175	925	121	871
DISSOLVED SOLIDS	12	16	85	952	38	363	11	332	7	211
CHLORIDE	152	519	222	1458	230	3052	237	2754	159	2589
TOTAL SULFATE	172	611	207	1543	144	1192	191	816	131	898
OXYGEN DEPLETION										
DISSOLVED OXYGEN	358	3923	727	9264	495	12494	564	11802	362	6702
BIOCHM OXYGEN DEMAND	54	311	196	1466	55	224	5	85	2	8
CHEM OXYGEN DEMAND	0	0	28	74	4	47	11	117	5	24
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	59	111	9	9	12	14	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	141	803	474	4480	317	3164	354	3300	536	3613
TOTAL COLIFORMS (8)	0	0	0	0	21	60	34	79	35	105
FECAL COLIFORMS (9)	0	0	4	12	27	81	22	61	21	108
FECAL COLIFORMS (10)	118	1033	218	2893	192	2559	163	2005	83	1452
PHENOLS	22	58	11	11	0	0	0	0	0	0
ACTIVE STATIONS	597		1074		892		872		678	

WEST VIRGINIA

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	81	190	79	284	59	368	0	0	0	0
TOTAL CHROMIUM	94	199	10	25	2	2	0	0	1	1
TOTAL LEAD	93	215	28	48	0	0	0	0	0	0
DDT	2	2	5	5	0	0	4	4	0	0
2,4-D	0	0	1	1	0	0	0	0	0	0
2,4,5-T	0	0	1	1	0	0	0	0	0	0
SILVEX	0	0	1	1	0	0	0	0	0	0
TOTAL MERCURY	96	317	83	268	61	370	79	183	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	258	759	97	459	82	1423	37	1824	41	2151
STREAM FLOW	168	251	72	510	77	1023	85	1723	80	2107
TURBIDITY	231	525	85	648	74	541	75	555	97	718
COLOR	104	354	74	450	72	460	73	523	81	664
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	3	3	0	0	0	0	0	0	0	0
TOTAL AMMONIA	146	686	54	259	24	201	11	147	32	232
TOTAL NITRATE (1)	182	664	103	543	95	656	70	484	76	573
TOTAL KJELDAHL NIT	147	674	52	188	6	76	0	0	14	27
TOTAL PHOSPHATE	17	17	6	36	6	76	0	0	0	0
ORTHOPHOSPHATE (2)	31	47	29	71	7	77	0	0	1	3
TOTAL PHOSPHORUS (3)	179	724	21	140	21	151	12	118	18	126
DISSOLVED PHOSPHORUS	19	99	19	137	10	96	10	113	16	124
CHLOROPHYL A	0	0	0	0	0	0	0	0	14	28
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	2	2	1	1	0	0	0	0
TOTAL NITRATE (5)	3	3	0	0	0	0	2	54	2	61
TOTAL PHOSPHORUS (6)	22	40	23	41	1	1	2	54	16	92
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	308	753	137	693	140	1784	86	1572	82	1611
PH	334	994	159	843	144	1567	90	1115	86	1269
TOTAL ALKALINITY	222	784	138	785	141	876	75	555	85	710
DISSOLVED SOLIDS	79	239	69	496	70	468	71	522	73	651
CHLORIDE	282	644	113	703	135	887	76	607	82	727
TOTAL SULFATE	289	657	149	711	87	617	75	589	82	727
OXYGEN DEPLETION										
DISSOLVED OXYGEN	288	821	119	701	98	1129	88	1164	97	1156
BIOCHM OXYGEN DEMAND	174	506	101	614	93	642	87	678	82	695
CHEM OXYGEN DEMAND	4	4	0	0	3	5	2	63	2	71
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	75	167	3	9	6	22	1	1	0	0
TOTAL ALPHA RAD	0	0	0	0	2	2	13	35	13	36
TOTAL BETA RAD	0	0	0	0	2	2	13	35	13	36
TOTAL COLIFORMS (7)	122	399	75	518	77	486	83	646	79	650
TOTAL COLIFORMS (8)	13	23	3	63	3	42	2	30	2	34
FECAL COLIFORMS (9)	0	0	2	7	2	6	0	0	0	0
FECAL COLIFORMS (10)	241	547	81	502	85	605	83	615	71	315
PHENOLS	155	419	81	350	78	538	82	555	78	580
ACTIVE STATIONS	466		175		158		107		107	

WISCONSIN STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	3	15	44	44	23	23	11	44	0	0
TOTAL CHROMIUM	3	16	45	45	23	23	11	44	0	0
TOTAL LEAD	3	16	44	44	22	22	11	44	0	0
DDT	9	9	6	8	2	4	0	0	1	2
2,4-D	9	9	6	8	2	4	0	0	1	2
2,4,5-T	9	9	6	8	2	4	0	0	1	2
SILVEX	9	9	6	8	2	4	0	0	1	2
TOTAL MERCURY	1	1	0	0	23	23	27	47	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	169	423	305	1179	51	219	79	418	56	555
STREAM FLOW	18	38	103	506	70	390	37	55	33	117
TURBIDITY	4	70	49	139	4	64	11	91	0	43
COLOR	87	124	111	147	32	97	66	377	45	512
EUTHOPHICATION POTENTIAL										
TOTAL NITROGEN	15	16	0	0	0	0	0	0	0	0
TOTAL AMMONIA	208	1670	340	1688	14	25	47	148	34	190
TOTAL NITRATE (1)	209	1647	230	709	18	33	48	155	42	202
TOTAL KJELDAHL NIT	216	1658	221	687	3	4	3	9	0	0
TOTAL PHOSPHATE	4	24	2	48	2	55	2	57	5	25
ORTHOPHOSPHATE (2)	20	20	0	0	0	0	0	0	3	14
TOTAL PHOSPHORUS (3)	209	1645	341	1719	4	20	47	151	38	186
DISSOLVED PHOSPHORUS	11	12	119	1011	2	13	1	11	13	31
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	11	44	0	0
ORTHOPHOSPHATE (4)	7	7	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	13	13	1	7	15	57	20	31	19	28
TOTAL PHOSPHORUS (6)	3	11	3	22	3	11	5	14	5	14
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	141	688	168	684	32	91	23	42	23	47
PH	143	277	287	1299	46	141	66	371	56	525
TOTAL ALKALINITY	139	202	238	1148	55	127	56	355	50	554
DISSOLVED SOLIDS	1	1	1	1	1	1	12	46	13	145
CHLORIDE	139	201	121	193	54	124	67	384	60	524
TOTAL SULFATE	141	204	122	194	55	127	32	129	24	81
OXYGEN DEPLETION										
DISSOLVED OXYGEN	10	122	185	977	5	78	49	374	43	539
BIOCHM OXYGEN DEMAND	8	123	52	154	5	72	2	56	15	162
CHEM OXYGEN DEMAND	0	0	46	46	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	2	17	1	1	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	3	9
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	7	81	4	105	5	75	2	61	14	78
TOTAL COLIFORMS (8)	0	0	52	52	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	52	52	0	0	0	0	0	0
FECAL COLIFORMS (10)	5	53	2	50	4	23	35	235	36	441
PHENOLS	2	14	6	6	0	0	0	0	2	6
ACTIVE STATIONS	407		519		96		94		80	

WYOMING

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	1	2	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	7	20	0	0	1	1	7	7	0	0
TOTAL LEAD	2	2	0	0	0	0	0	0	0	0
DDT	2	3	5	7	4	10	7	13	4	7
2,4-D	2	3	5	7	4	10	7	13	4	7
2,4,5-T	2	3	5	7	4	10	7	13	4	7
SILVEX	2	3	5	7	4	10	7	13	4	7
TOTAL MERCURY	2	2	2	3	5	7	8	9	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	81	873	174	1120	210	1220	166	1083	146	639
STREAM FLOW	76	840	136	1162	126	1208	152	1491	150	1456
TURBIDITY	34	190	29	248	9	194	15	144	7	7
COLOR	3	5	2	2	15	15	45	86	56	115
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	0	0	0	0	0	0
TOTAL AMMONIA	6	21	17	48	10	65	12	62	5	18
TOTAL NITRATE (1)	11	12	19	47	8	43	11	25	14	35
TOTAL KJELDAHL NIT	0	0	6	21	9	48	7	25	0	0
TOTAL PHOSPHATE	0	0	28	52	5	40	1	3	1	2
ORTHOPHOSPHATE (2)	2	5	28	61	22	99	4	8	6	11
TOTAL PHOSPHORUS (3)	63	114	20	41	15	59	17	64	9	39
DISSOLVED PHOSPHORUS	6	31	6	28	6	19	13	43	6	21
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	0	0	1	1	3	7	7	23	4	20
TOTAL NITRATE (5)	47	58	9	10	21	37	33	204	59	371
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	1	1	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	82	864	158	998	208	1206	153	1248	151	1083
PH	90	870	167	1015	221	1275	169	1174	179	1109
TOTAL ALKALINITY	75	657	151	701	201	969	140	931	147	995
DISSOLVED SOLIDS	4	4	20	30	2	2	8	24	12	46
CHLORIDE	75	657	145	885	208	924	170	1005	179	1039
TOTAL SULFATE	76	661	145	885	208	922	170	1004	178	1037
OXYGEN DEPLETION										
DISSOLVED OXYGEN	54	274	61	389	38	376	39	327	20	82
BIOCHM OXYGEN DEMAND	23	77	18	70	9	83	27	134	5	21
CHEM OXYGEN DEMAND	0	0	1	5	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	6	21	2	2	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	18	55	6	57	2	18	52	155	5	30
TOTAL COLIFORMS (8)	0	0	0	0	0	0	1	9	1	1
FECAL COLIFORMS (9)	0	0	4	54	18	169	17	251	18	263
FECAL COLIFORMS (10)	37	89	31	78	7	64	31	148	0	0
PHENOLS	5	14	2	2	0	0	2	3	0	0
ACTIVE STATIONS	110		214		287		272		256	

CANADIAN WATERS — STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	13	29	19	34	0	0	0	0	0	0
TOTAL CHROMIUM	12	28	19	34	5	12	1	3	0	0
TOTAL LEAD	13	30	0	0	1	1	0	0	0	0
DDT	1	1	0	0	0	0	4	4	0	0
2,4-D	0	0	0	0	0	0	1	1	0	0
2,4,5-T	0	0	0	0	0	0	1	1	0	0
SILVEX	0	0	0	0	0	0	1	1	0	0
TOTAL MERCURY	13	16	8	52	46	55	2	2	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	53	291	114	1155	117	492	134	425	136	475
STREAM FLOW	15	174	15	197	80	318	62	221	55	198
TURBIDITY	20	79	27	119	67	215	94	199	67	237
COLOR	4	9	12	54	35	99	51	70	31	56
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	2	8	0	0	2	2	0	0	0	0
TOTAL AMMONIA	34	178	78	1326	43	325	96	206	97	280
TOTAL NITRATE (1)	27	140	58	447	40	319	100	243	108	347
TOTAL KJELDAHL NIT	24	26	46	819	18	65	4	13	0	0
TOTAL PHOSPHATE	0	0	2	3	0	0	4	5	3	3
ORTHOPHOSPHATE (2)	5	28	17	56	8	37	9	14	2	2
TOTAL PHOSPHORUS (3)	43	207	46	300	102	362	105	248	108	348
DISSOLVED PHOSPHORUS	11	53	10	51	13	65	31	58	35	137
CHLOROPHYL A	41	374	49	1721	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	1	5
ORTHOPHOSPHATE (4)	2	2	2	6	8	32	4	19	11	55
TOTAL NITRATE (5)	0	0	3	3	1	6	10	34	11	32
TOTAL PHOSPHORUS (6)	0	0	0	0	1	2	1	1	2	3
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	27	161	37	272	86	360	109	305	88	304
PH	29	158	90	2125	104	465	134	403	127	340
TOTAL ALKALINITY	14	105	67	2014	69	237	86	219	41	215
DISSOLVED SOLIDS	36	194	30	131	76	277	78	126	43	220
CHLORIDE	50	272	46	686	94	422	127	382	139	493
TOTAL SULFATE	29	138	70	1274	78	259	98	212	72	251
OXYGEN DEPLETION										
DISSOLVED OXYGEN	43	158	39	176	24	536	93	255	88	188
BIOCHM OXYGEN DEMAND	7	18	6	18	50	92	43	77	46	72
CHEM OXYGEN DEMAND	0	0	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC [illegible]										
OIL AND GREASE	1	1	0	0	0	0	0	0	0	0
TOTAL ALPHA RAD	1	6	1	12	1	12	1	4	0	0
TOTAL BETA RAD	5	14	4	14	4	23	4	20	15	45
TOTAL COLIFORMS (7)	14	40	26	46	28	139	56	112	55	210
TOTAL COLIFORMS (8)	1	6	1	4	0	0	20	20	4	4
FECAL COLIFORMS (9)	1	6	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	40	175	36	170	44	300	70	155	31	89
PHENOLS	34	182	34	149	71	225	45	133	76	318
ACTIVE STATIONS	42		128		150		149		141	

CANAL ZONE

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	216	886	103	484	0	0	0	0	0	0
TOTAL CHROMIUM	216	879	99	487	0	0	0	0	0	0
TOTAL LEAD	360	1294	190	798	0	0	0	0	0	0
DDT	0	0	0	0	0	0	0	0	0	0
2,4-D	0	0	0	0	0	0	0	0	0	0
2,4,5-T	0	0	0	0	0	0	0	0	0	0
SILVEX	0	0	0	0	0	0	0	0	0	0
TOTAL MERCURY	383	1204	105	434	0	0	0	0	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	600	3042	276	2634	0	0	0	0	0	0
STREAM FLOW	0	0	0	0	0	0	0	0	0	0
TURBIDITY	454	2761	296	2444	0	0	0	0	0	0
COLOR	422	3375	245	1953	0	0	0	0	0	0
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	0	0	0	0	0	0	0	0	0	0
TOTAL AMMONIA	419	3579	281	2224	0	0	0	0	0	0
TOTAL NITRATE (1)	227	1595	159	1161	0	0	0	0	0	0
TOTAL KJELDAHL NIT	408	3716	274	1780	0	0	0	0	0	0
TOTAL PHOSPHATE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (2)	1	1	8	9	0	0	0	0	0	0
TOTAL PHOSPHORUS (3)	401	3549	283	1952	0	0	0	0	0	0
DISSOLVED PHOSPHORUS	0	0	0	0	0	0	0	0	0	0
CHLOROPHYL A	0	0	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	392	3145	289	2154	0	0	0	0	0	0
TOTAL NITRATE (5)	0	0	0	0	0	0	0	0	0	0
TOTAL PHOSPHORUS (6)	0	0	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	182	1347	222	1611	0	0	0	0	0	0
PH	453	3836	293	2580	0	0	0	0	0	0
TOTAL ALKALINITY	465	3879	292	2310	0	0	0	0	0	0
DISSOLVED SOLIDS	0	0	0	0	0	0	0	0	0	0
CHLORIDE	429	3295	288	2293	0	0	0	0	0	0
TOTAL SULFATE	88	690	104	393	0	0	0	0	0	0
OXYGEN DEPLETION										
DISSOLVED OXYGEN	377	2883	298	2607	0	0	0	0	0	0
BIOCHM OXYGEN DEMAND	187	755	25	51	1	1	0	0	0	0
CHEM OXYGEN DEMAND	40	342	10	61	1	1	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	3	7	229	1141	0	0	0	0	0	0
TOTAL COLIFORMS (8)	253	447	209	510	0	0	0	0	0	0
FECAL COLIFORMS (9)	247	435	207	501	0	0	0	0	0	0
FECAL COLIFORMS (10)	429	2440	285	1452	0	0	0	0	0	0
PHENOLS	0	0	0	0	0	0	0	0	0	0
ACTIVE STATIONS	493		349		1		0		0	

PUERTO RICO

STATIONS AND OBSERVATIONS

PARAMETER	1973 STATIONS	1973 OBSRVTNS	1972 STATIONS	1972 OBSRVTNS	1971 STATIONS	1971 OBSRVTNS	1970 STATIONS	1970 OBSRVTNS	1969 STATIONS	1969 OBSRVTNS
HARMFUL SUBSTANCES										
TOTAL CADMIUM	1	1	0	0	0	0	0	0	0	0
TOTAL CHROMIUM	2	4	0	0	0	0	0	0	0	0
TOTAL LEAD	1	1	0	0	0	0	0	0	0	0
DDT	6	22	3	3	4	4	19	57	16	16
2,4-D	6	20	3	3	0	0	0	0	0	0
2,4,5-T	6	21	3	3	0	0	0	0	0	0
SILVEX	6	21	3	3	0	0	0	0	0	0
TOTAL MERCURY	22	60	16	52	0	0	0	0	0	0
PHYSICAL MODIFICATION										
WATER TEMPERATURE	169	766	57	242	78	452	78	485	71	366
STREAM FLOW	52	213	57	265	73	467	73	453	67	363
TURBIDITY	18	79	0	0	0	0	0	0	0	0
COLOR	12	20	0	0	0	0	0	0	0	0
EUTROPHICATION POTENTIAL										
TOTAL NITROGEN	57	57	0	0	0	0	0	0	0	0
TOTAL AMMONIA	87	149	18	39	0	0	0	0	0	0
TOTAL NITRATE (1)	115	256	56	210	29	63	0	0	0	0
TOTAL KJELDAHL NIT	69	185	18	36	1	1	0	0	0	0
TOTAL PHOSPHATE	5	8	0	0	0	0	0	0	2	2
ORTHOPHOSPHATE (2)	54	172	56	211	65	396	68	381	62	290
TOTAL PHOSPHORUS (3)	51	139	0	0	0	0	0	0	0	0
DISSOLVED PHOSPHORUS	38	44	0	0	0	0	0	0	0	0
CHLOROPHYL A	28	71	0	0	0	0	0	0	0	0
TOTAL ALGAE	0	0	0	0	0	0	0	0	0	0
ORTHOPHOSPHATE (4)	41	62	0	0	0	0	0	0	0	0
TOTAL NITRATE (5)	42	78	42	89	65	334	67	389	62	290
TOTAL PHOSPHORUS (6)	39	82	0	0	0	0	0	0	0	0
SALINITY, ACIDITY & ALKALINITY										
SPECIFIC CONDUCTANCE	130	694	56	209	79	418	74	436	71	304
PH	82	279	56	208	78	417	78	426	71	304
TOTAL ALKALINITY	95	304	56	210	65	396	68	376	59	245
DISSOLVED SOLIDS	0	0	0	0	0	0	0	0	0	0
CHLORIDE	131	651	56	210	66	397	68	378	58	244
TOTAL SULFATE	94	275	56	210	65	396	68	377	59	245
OXYGEN DEPLETION										
DISSOLVED OXYGEN	92	514	18	50	29	75	30	91	24	91
BIOCHM OXYGEN DEMAND	59	142	18	52	17	47	15	41	13	46
CHEM OXYGEN DEMAND	15	21	0	0	0	0	0	0	0	0
HEALTH AND AESTHETIC DEGRADATION										
OIL AND GREASE	0	0	0	0	0	0	0	0	0	0
TOTAL ALPHA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL BETA RAD	0	0	0	0	0	0	0	0	0	0
TOTAL COLIFORMS (7)	81	175	18	51	17	47	15	41	13	20
TOTAL COLIFORMS (8)	1	1	0	0	0	0	0	0	0	0
FECAL COLIFORMS (9)	0	0	0	0	0	0	0	0	0	0
FECAL COLIFORMS (10)	21	71	18	53	17	47	15	40	12	12
PHENOLS	0	0	0	0	0	0	0	0	0	0
ACTIVE STATIONS	183		61		80		80		73	

SECTION III

INTERSTATE WATER CARRIER SUPPLIES PROGRAMS

EPA PROGRAM OR OFFICE NAME:

INTERSTATE WATER CARRIER SUPPLIES
WATER SUPPLY DIVISION (WH-450)
OFFICE OF WATER PROGRAM OPERATIONS
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

MCDERMOTT	JAMES	DIRECTOR
LAST	FIRST	TITLE

TELEPHONE NUMBER: 202-426-8847

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

MR. GEORGE KENT

TELEPHONE NUMBER: 202-426-3983

INQUIRIES ABOUT THE DATA MAY BE SENT TO:

MR. GEORGE KENT
ADDRESS SAME AS ABOVE

STATUS OF MONITORING AND DATA COLLECTION:

OPERATIONAL

PURPOSE:

TO MAINTAIN SURVEILLANCE OVER AND TO DETERMINE WHETHER THE WATER DELIVERED TO CONSUMERS MEETS THE REQUIREMENTS OF THE DRINKING WATER STANDARDS.

REMARKS:

IT IS THE INTENT OF THE INTERSTATE WATER CARRIER SUPPLIES MONITORING PROGRAM TO MEASURE LEVELS OF THE FOLLOWING POLLUTANTS OR PARAMETERS (IF APPROPRIATE) AT WATER SUPPLY FACILITIES THAT SUPPLY DRINKING WATER FOR INTERSTATE PUBLIC CARRIERS:

(NOTE: LIMITS ARE PROVIDED IN PARANTHESES)

CHEMICAL (MG/L)

ARSENIC (0.05)
BARIUM (1.0)
CADMIUM (0.01)
CHLORIDE (250)
CHROMIUM (CR +6) (0.05)
COPPER (1)
CYANIDE (0.2)
FLUORIDE
ABS (0.5)
IRON (0.3)
LEAD (0.05)

MANGANESE (0.05)
MERCURY
NITRATE (NO3) (45)
ORGANICS-CARBON ABSORBABLE:
CCE (0.2) AND CAE
SELENIUM (0.01)
SILVER (0.05)
SODIUM
SULFATE (250)
ZINC (5)

PESTICIDE (PPB)

ALDRIN (17)
CHLORDANE (3)
DDT (42)
DIELDRIN (17)
ENDRIN (1)
HEPTACHLOR (18)
HEPTACHLOR EPOXIDE (18)
LINDANE (56)
METHOXCHLOR (35)
TOXAPHENE (5)
TOTAL ORGANOPHOSPHOROUS AND CARBAMATE COMPOUNDS (100)

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ALKALINITY (AS CACO3)
HARDNESS (AS CACO3)
PH
TDS (500)

PHYSICAL

COLOR (15 S.U.)
ODOR (3 S.U.)
TURBIDITY (5 S.U.)
AVERAGE AIR TEMPERATURE (FAHRENHEIT)
(MAXIMUN DAILY AIR TEMPERATURE AVERAGE FOR
AT LEAST FIVE YEARS)

RADIOCHEMICAL

SR 90 (10 PCI/L)
RA 226 (3 PCI/L)
GROSS BETA (1000 PCI/L)
GROSS ALPHA
TRITIUM

****

THE FOLLOWING PORTION OF THE DIRECTORY IS DIVIDED INTO TWO PARTS:

1) A TABLE INDICATING THE NUMBER OF WATER SUPPLY FACILITIES MONITORED FOR EACH PARAMETER IN EACH STATE (CODES FOR THE INDIVIDUAL POLLUTANTS AND PARAMETERS ARE DEFINED PRECEEDING THE TABLE).

2) A DETAILED DESCRIPTION OF WATER SUPPLY FACILITES IN EACH STATE WITH EPA CLASSIFIACTIONS (INCLUDING REASONS FOR NON-APPROVED CLASSIFICATIONS). TYPES OF TREATMENT USED. AND TYPES OF WATER SOURCES.

ALL DATA AND INFORMATION IN THE FOLLOWING PORTION OF THE DIRECTORY ARE 1973 DATA AND WERE PROVIDED BY THE EPA OFFICE OF WATER PROGRAM OPERATIONS.

INQUIRIES ABOUT EPA, STATE AND LOCAL WATER MONITORING PROGRAMS SHOULD BE DIRECTED TO THE APPROPRIATE REGIONAL OFFICE PRIOR TO CONTACTING THE EPA OFFICE OF WATER PROGRAM OPERATIONS IN WASHINGTON, DC.

POLLUTANTS AND PARAMETERS MONITORED

CODE/CHEMICAL	CODE/PESTICIDE	CODE/PHYSICAL CHAR.	CODE/RADIOCHEMICAL
1 ARSENIC	1 ALDRIN	1 COLOR	1 SR90
2 NITRATE	2 CHLORDANE	2 ODOR	2 RA226
3 BARIUM	3 DDT	3 TURBIDITY	3 GR. BETA
4 CADMIUM	4 DIELDRIN	4 AV. AIR TEMP.	4 GR. ALPHA
5 CCE	5 ENDRIN		5 TRITIUM
6 CHLORIDE	6 HEPTACHLOR		
7 CAE	7 HEPTACHLOR EPOXIDE		
8 CHROMIUM	8 LINDANE		
9 SELENIUM	9 METHOXCHLOR		
10 COPPER	10 TOXAPHENE		
11 SILVER	11 TOTAL ORGANOPHORUS AND CARBAMATE COMPOUNDS		
12 CYANIDE			
13 SODIUM			
14 FLUORIDE			
15 SULFATE			
16 ABS			
17 ZINC			
18 IRON			
19 ALKALINITY			
20 LEAD			
21 HARDNESS			
22 MANGANESE			
23 PH			
24 MERCURY			
25 TDS			

NUMBER OF WATER SUPPLY FACILITIES MONITORED FOR EACH PARAMETER IN EACH STATE

	CHEMICAL																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
ALABAMA	5	7	5	4	0	7	0	4	5	4	4	5	6	4	7	4	5	7	2	4	2	7	7	5	6
ALASKA	10	11	10	10	0	14	0	0	8	10	9	9	10	12	14	2	9	14	10	9	10	13	14	7	13
ARIZONA	4	6	0	3	0	6	0	4	4	4	2	1	6	6	6	0	3	5	4	4	6	3	5	4	5
ARKANSAS	6	7	0	6	0	8	0	0	0	7	6	0	7	7	8	0	6	8	7	8	7	8	7	7	8
CALIFORNIA	33	50	30	36	8	52	0	35	29	36	23	24	49	51	51	21	37	49	51	38	52	51	40	31	47
COLORADO	14	14	10	14	3	14	1	14	14	14	8	7	12	14	14	13	14	14	8	14	8	14	8	8	14
CONNECTICUT	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0	3	0	0	0
DELAWARE	0	3	0	1	0	2	0	1	0	2	0	0	0	1	2	2	1	3	2	1	3	1	4	0	2
DISTRICT OF COLUMBIA	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FLORIDA	26	19	4	28	0	29	0	24	1	26	3	16	16	20	28	0	22	26	23	25	26	26	30	25	30
GEORGIA	14	15	15	13	0	16	0	17	1	14	13	0	13	14	18	1	17	16	16	15	16	15	17	15	15
HAWAII	11	11	10	10	0	11	0	11	11	11	10	1	11	11	7	0	10	11	11	11	11	11	1	0	11
IDAHO	3	2	3	3	0	2	0	1	1	3	3	1	3	2	3	2	3	3	2	3	1	3	2	3	2
ILLINOIS	14	18	15	16	1	18	1	16	12	16	15	8	16	10	18	7	17	19	13	15	12	16	18	15	18
INDIANA	10	10	0	8	0	10	0	0	0	10	0	0	10	10	10	10	9	10	10	10	10	10	10	5	9
IOWA	12	12	12	12	3	13	3	12	9	12	9	9	12	12	13	10	12	12	13	13	13	13	12	9	12
KANSAS	8	10	8	8	4	9	4	8	8	8	8	4	9	10	10	8	8	10	10	8	10	10	8	10	10
KENTUCKY	2	6	6	7	0	7	0	4	0	6	6	5	6	7	6	0	7	1	7	6	7	0	7	0	7
LOUISIANA	56	56	56	56	1	56	1	56	54	56	56	0	53	58	56	0	56	58	56	34	58	55	56	50	56
MAINE	1	5	0	0	1	7	0	0	1	4	0	0	0	0	0	0	1	7	2	0	7	7	7	0	0
MARYLAND	8	8	4	8	2	8	1	8	7	6	7	7	8	8	8	8	8	8	2	7	1	8	8	8	8
MASSACHUSETTS	17	18	17	17	0	18	0	17	2	17	14	1	18	17	18	17	18	18	18	17	18	18	18	16	18
MICHIGAN	8	14	8	8	5	15	4	8	8	7	7	5	12	15	15	4	8	15	16	8	16	15	15	9	13
MINNESOTA	3	7	1	3	2	10	1	1	3	3	2	3	7	10	10	7	3	10	9	3	9	9	10	2	7
MISSISSIPPI	6	3	5	3	1	5	0	4	6	6	6	6	2	4	4	4	4	7	6	9	4	7	8	2	4
MISSOURI	10	9	10	10	5	10	5	10	10	10	10	8	8	9	10	6	10	10	8	10	8	9	10	10	10
MONTANA	8	7	7	8	0	7	0	8	7	8	8	2	3	8	7	8	8	8	1	8	1	8	8	6	7
NEBRASKA	6	7	6	6	5	7	5	6	6	6	6	5	6	7	7	5	6	7	5	6	5	7	7	6	7
NEVADA	3	4	0	0	0	4	0	0	0	3	0	0	2	4	4	3	0	4	4	0	4	0	4	0	4
NEW HAMPSHIRE	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	0	0	2	0	0	2	2	2	0	0
NEW JERSEY	36	39	35	35	11	39	7	35	33	35	35	34	16	38	36	38	35	40	13	32	12	40	40	34	38
NEW MEXICO	6	6	7	7	0	6	0	5	5	7	7	3	6	7	7	5	7	7	6	7	5	7	5	3	6
NEW YORK	23	35	20	19	2	42	2	29	23	28	21	22	29	30	26	13	20	41	42	20	42	42	41	17	28
NORTH CAROLINA	18	1	1	19	0	18	0	18	0	19	1	0	18	19	6	4	18	19	19	19	19	19	19	4	6
NORTH DAKOTA	2	4	2	2	0	5	0	2	2	2	2	1	4	5	5	1	2	5	4	2	4	4	4	1	5
OHIO	2	21	21	22	0	21	1	22	1	22	22	2	22	22	22	10	13	22	21	22	21	22	22	1	21
OKLAHOMA	0	3	0	2	1	6	0	3	0	2	2	0	6	5	6	1	2	6	6	2	6	3	6	0	6
OREGON	11	11	11	11	4	10	4	11	11	11	11	11	11	11	11	10	11	11	8	11	8	11	11	11	8
PENNSYLVANIA	22	31	32	34	0	32	0	34	0	33	0	26	8	32	34	25	33	34	33	34	32	34	34	8	27
RHODE ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH CAROLINA	3	7	5	5	0	6	0	6	0	6	5	5	7	7	7	6	5	6	7	6	7	7	7	0	7
SOUTH DAKOTA	0	2	0	6	0	9	0	6	0	8	0	0	5	6	2	1	8	10	9	6	10	6	10	9	9
TENNESSEE	3	3	1	3	1	3	1	3	3	3	3	2	0	3	3	2	3	3	0	3	0	3	3	1	3
TEXAS	6	5	6	7	2	7	2	6	5	7	7	5	5	8	5	4	6	8	7	8	8	9	3	3	3
UTAH	58	60	58	57	0	60	0	58	58	57	58	1	59	60	60	0	58	59	58	58	58	58	40	58	58
VERMONT	2	2	2	2	0	2	0	2	2	2	2	1	2	3	2	1	2	3	2	2	2	3	3	1	2
VIRGINIA	3	3	3	3	0	3	0	3	0	3	3	0	3	3	0	1	3	3	3	3	3	3	3	3	0
WASHINGTON	19	19	13	19	1	19	1	19	12	19	12	18	19	19	19	19	19	19	19	19	19	19	19	19	19
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WISCONSIN	19	19	15	20	5	18	3	19	10	19	20	14	21	26	21	14	18	24	20	22	20	24	21	19	17
WYOMING	10	11	4	9	2	11	0	10	1	10	8	2	8	10	11	2	10	9	9	8	11	11	11	0	11
GUAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARSHALL ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PUERTO RICO	6	6	6	6	5	6	5	6	5	6	6	5	6	6	5	5	5	5	1	6	1	6	6	6	5
VIRGIN IS.	1	2	1	1	0	2	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1

NUMBER OF WATER SUPPLY FACILITIES MONITORED FOR EACH PARAMETER IN EACH STATE

	PESTICIDE											PHYSICAL				RADIOCHEMICAL				
	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	1	2	3	4	5
ALABAMA	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	4	4	0
ALASKA	0	0	0	0	0	0	0	0	0	0	0	17	0	4	1	0	0	2	2	0
ARIZONA	2	1	1	1	1	1	1	1	1	1	1	6	4	6	5	0	0	0	0	0
ARKANSAS	1	1	1	1	1	1	1	1	1	1	1	8	4	8	1	0	0	1	1	0
CALIFORNIA	10	5	8	10	10	10	10	10	4	4	2	34	10	30	23	13	13	16	10	0
COLORADO	1	0	0	0	0	0	0	0	0	0	0	14	1	14	0	0	0	2	2	0
CONNECTICUT	0	0	0	0	0	0	0	0	0	0	0	9	1	8	1	0	0	0	0	0
DELAWARE	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0
DISTRICT OF COLUMBIA	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	0	0	0	0	0
FLORIDA	28	7	29	29	29	29	29	29	29	8	28	30	25	7	0	0	0	26	26	0
GEORGIA	0	0	0	0	0	0	0	0	0	0	0	15	0	14	0	0	0	0	0	0
HAWAII	0	0	0	0	0	0	0	0	0	0	0	9	8	8	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0	0	0	0	0	0	8	2	9	1	2	2	8	8	1
INDIANA	0	0	0	0	0	0	0	0	0	0	0	10	4	10	0	0	0	3	3	0
IOWA	0	0	0	0	0	0	0	0	0	0	0	9	5	9	1	0	0	0	0	0
KANSAS	0	0	0	0	0	0	0	0	0	0	0	8	7	8	0	7	10	8	8	0
KENTUCKY	6	6	6	6	6	6	6	6	6	6	6	1	0	1	0	0	0	7	0	0
LOUISIANA	0	0	0	0	0	0	0	0	0	0	0	56	3	54	0	0	0	0	0	0
MAINE	0	0	0	0	0	0	0	0	0	0	0	7	4	7	0	0	0	0	0	0
MARYLAND	0	0	0	0	0	0	0	0	0	0	0	8	0	8	1	0	0	0	0	0
MASSACHUSETTS	14	14	14	14	14	14	14	14	14	14	14	18	18	18	0	0	0	16	0	0
MICHIGAN	2	2	2	2	2	2	2	1	2	2	0	14	13	14	6	2	0	10	10	0
MINNESOTA	0	0	0	0	0	0	0	0	0	0	0	6	3	7	0	0	0	0	0	0
MISSISSIPPI	0	0	0	0	0	3	3	3	3	0	0	4	0	2	1	2	2	3	3	0
MISSOURI	0	1	0	0	0	0	0	0	0	0	0	7	3	8	2	7	8	8	5	0
MONTANA	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	1	1	1	1	0
NEBRASKA	0	0	0	0	0	0	0	0	0	0	0	6	0	6	1	0	0	3	3	0
NEVADA	4	4	4	4	4	4	4	4	0	0	0	4	1	4	1	0	0	0	0	1
NEW HAMPSHIRE	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
NEW JERSEY	1	0	1	1	1	1	1	1	1	1	1	30	0	30	0	1	2	12	11	1
NEW MEXICO	0	0	0	0	0	0	0	0	0	0	0	2	0	6	0	0	0	0	0	0
NEW YORK	9	8	8	8	8	8	8	8	8	8	7	42	38	42	17	0	0	4	3	2
NORTH CAROLINA	0	0	1	0	0	0	0	0	0	0	0	16	5	18	2	0	0	4	0	0
NORTH DAKOTA	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	1	0
OHIO	4	4	4	4	4	4	4	4	4	1	1	21	0	21	0	0	0	7	7	0
OKLAHOMA	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	0	0	0	0	0
OREGON	0	0	0	0	0	0	0	0	0	0	0	11	1	11	2	0	0	9	9	8
PENNSYLVANIA	0	0	0	0	0	0	0	0	0	0	0	33	24	34	7	0	0	0	0	0
RHODE ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH CAROLINA	6	6	6	6	6	6	6	6	6	6	0	6	0	6	6	0	0	1	1	0
SOUTH DAKOTA	0	0	0	0	0	0	0	0	0	0	0	8	1	7	1	1	1	5	3	4
TENNESSEE	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0
TEXAS	0	0	0	0	0	0	0	0	0	0	0	3	3	0	1	0	0	1	1	0
UTAH	1	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	60	60	0
VERMONT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
VIRGINIA	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0
WASHINGTON	15	13	14	14	14	15	14	14	15	13	14	11	8	14	6	1	1	15	1	0
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WISCONSIN	0	0	0	0	0	0	0	0	0	0	0	23	14	24	8	0	0	4	2	0
WYOMING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
GUAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARSHALL ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
PUERTO RICO	5	5	5	5	5	5	5	5	5	0	0	6	1	6	3	0	0	0	0	0
VIRGIN IS.	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	0	0	0	0	0

ALABAMA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	5
PROVISIONALLY APPROVED	1	1	1	0	0	2
PROHIBITED	0	0	0	0	0	0
TOTALS	1	1	1	0	0	7

NO. OF SITES - TYPE OF TREATMENT USED

7	- DISINFECTION
7	- COAGULATION
7	- RAPID SAND FILT.
4	- FLUORIDATION
5	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
7	- SETTLING
4	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	7	0	3
CROSS-CONNECTION CONTROL PROGRAM	7	0	3
CONTROL PROGRAM EFFECTIVE	7	0	3
20 PSI PRESSURE MAINTAINED	7	0	3
DISTRIBUTION RESERVOIRS COVERED	6	1	3
RECHLORINATION IN DISTRIBUTION	1	1	8
PLANT OPERATORS LICENSED	6	1	3

NUMBER OF SOURCES BY TYPE

11	SURFACE
48	GROUND
0	PURCHASED

ALASKA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	4
PROVISIONALLY APPROVED	0	5	1	0	2	8
PROHIBITED	0	1	0	0	1	1
TOTALS	0	6	1	0	3	13

NO. OF SITES - TYPE OF TREATMENT USED

10	- DISINFECTION
2	- COAGULATION
3	- RAPID SAND FILT.
2	- FLUORIDATION
1	- TASTE + ODOR CONT.
0	- LIME SOFTENING
2	- ION EXCHANGE
3	- SETTLING
3	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	11	1	2
CROSS-CONNECTION CONTROL PROGRAM	9	3	2
CONTROL PROGRAM EFFECTIVE	8	2	3
20 PSI PRESSURE MAINTAINED	12	0	2
DISTRIBUTION RESERVOIRS COVERED	11	0	3
RECHLORINATION IN DISTRIBUTION	6	2	6
PLANT OPERATORS LICENSED	2	10	2

NUMBER OF SOURCES BY TYPE

5	SURFACE
17	GROUND
0	PURCHASED

ARIZONA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	4
PROVISIONALLY APPROVED	2	0	0	0	0	2
PROHIBITED	0	0	0	0	0	0
TOTALS	2	0	0	0	0	6

NO. OF SITES - TYPE OF TREATMENT USED

5	- DISINFECTION
2	- COAGULATION
2	- RAPID SAND FILT.
0	- FLUORIDATION
1	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
2	- SETTLING
0	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	6	0	0
CROSS-CONNECTION CONTROL PROGRAM	6	0	0
CONTROL PROGRAM EFFECTIVE	6	0	0
20 PSI PRESSURE MAINTAINED	6	0	0
DISTRIBUTION RESERVOIRS COVERED	6	0	0
RECHLORINATION IN DISTRIBUTION	1	2	3
PLANT OPERATORS LICENSED	6	0	0

NUMBER OF SOURCES BY TYPE

2	SURFACE
50	GROUND
0	PURCHASED

ARKANSAS

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	7
PROVISIONALLY APPROVED	1	0	0	0	0	1
PROHIBITED	0	0	0	0	0	0
TOTALS	1	0	0	0	0	8

NO. OF SITES - TYPE OF TREATMENT USED

8	- DISINFECTION
4	- COAGULATION
5	- RAPID SAND FILT.
5	- FLUORIDATION
3	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
5	- SETTLING
3	- IRON REMOVAL
5	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	8	0	0
CROSS-CONNECTION CONTROL PROGRAM	8	0	0
CONTROL PROGRAM EFFECTIVE	8	0	0
20 PSI PRESSURE MAINTAINED	7	0	1
DISTRIBUTION RESERVOIRS COVERED	8	0	0
RECHLORINATION IN DISTRIBUTION	3	0	5
PLANT OPERATORS LICENSED	8	0	0

NUMBER OF SOURCES BY TYPE

4	SURFACE
21	GROUND
1	PURCHASED

CALIFORNIA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	39
PROVISIONALLY APPROVED	2	0	1	1	3	5
PROHIBITED	0	0	0	0	0	0
TOTALS	2	0	1	1	3	44

NO. OF SITES - TYPE OF TREATMENT USED

35	- DISINFECTION
24	- COAGULATION
28	- RAPID SAND FILT.
10	- FLUORIDATION
24	- TASTE + ODOR CONT.
0	- LIME SOFTENING
1	- ION EXCHANGE
24	- SETTLING
5	- IRON REMOVAL
22	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	43	0	21
CROSS-CONNECTION CONTROL PROGRAM	41	2	21
CONTROL PROGRAM EFFECTIVE	41	2	21
20 PSI PRESSURE MAINTAINED	40	1	23
DISTRIBUTION RESERVOIRS COVERED	35	6	23
RECHLORINATION IN DISTRIBUTION	17	1	46
PLANT OPERATORS LICENSED	30	11	23

NUMBER OF SOURCES BY TYPE

44	SURFACE
280	GROUND
23	PURCHASED

COLORADO

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	7
PROVISIONALLY APPROVED	0	3	1	0	0	4
PROHIBITED	0	0	0	0	0	0
TOTALS	0	3	1	0	0	11

NO. OF SITES - TYPE OF TREATMENT USED

11	- DISINFECTION
8	- COAGULATION
7	- RAPID SAND FILT.
6	- FLUORIDATION
8	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
5	- SETTLING
0	- IRON REMOVAL
5	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	10	1	3
CROSS-CONNECTION CONTROL PROGRAM	8	3	3
CONTROL PROGRAM EFFECTIVE	7	0	7
20 PSI PRESSURE MAINTAINED	11	0	3
DISTRIBUTION RESERVOIRS COVERED	10	1	3
RECHLORINATION IN DISTRIBUTION	0	1	13
PLANT OPERATORS LICENSED	8	2	4

NUMBER OF SOURCES BY TYPE

18	SURFACE
52	GROUND
1	PURCHASED

CONNECTICUT

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	8
PROVISIONALLY APPROVED	1	0	0	0	0	1
PROHIBITED	0	0	0	0	0	0
TOTALS	1	0	0	0	0	9

NO. OF SITES - TYPE OF TREATMENT USED

8	- DISINFECTION
3	- COAGULATION
4	- RAPID SAND FILT.
7	- FLUORIDATION
3	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
4	- SETTLING
1	- IRON REMOVAL
7	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	9	0	0
CROSS-CONNECTION CONTROL PROGRAM	9	0	0
CONTROL PROGRAM EFFECTIVE	9	0	0
20 PSI PRESSURE MAINTAINED	9	0	0
DISTRIBUTION RESERVOIRS COVERED	9	0	0
RECHLORINATION IN DISTRIBUTION	2	0	7
PLANT OPERATORS LICENSED	9	0	0

NUMBER OF SOURCES BY TYPE

21	SURFACE
16	GROUND
1	PURCHASED

DELAWARE

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	5
PROVISIONALLY APPROVED	0	1	0	0	0	1
PROHIBITED	0	0	0	0	0	0
TOTALS	0	1	0	0	0	6

NO. OF SITES - TYPE OF TREATMENT USED

5	- DISINFECTION
3	- COAGULATION
3	- RAPID SAND FILT.
4	- FLUORIDATION
4	- TASTE + ODOR CONT.
0	- LIME SOFTENING
1	- ION EXCHANGE
3	- SETTLING
1	- IRON REMOVAL
2	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	4	0	0
CROSS-CONNECTION CONTROL PROGRAM	2	4	0
CONTROL PROGRAM EFFECTIVE	2	0	4
20 PSI PRESSURE MAINTAINED	6	0	0
DISTRIBUTION RESERVOIRS COVERED	2	3	1
RECHLORINATION IN DISTRIBUTION	3	0	3
PLANT OPERATORS LICENSED	2	4	0

NUMBER OF SOURCES BY TYPE

6	SURFACE
5	GROUND
1	PURCHASED

DISTRICT OF COLUMBIA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	1
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	1

NO. OF SITES - TYPE OF TREATMENT USED

1	- DISINFECTION
1	- COAGULATION
1	- RAPID SAND FILT.
1	- FLUORIDATION
1	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
1	- SETTLING
0	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	1	0	0
CROSS-CONNECTION CONTROL PROGRAM	1	0	0
CONTROL PROGRAM EFFECTIVE	1	0	0
20 PSI PRESSURE MAINTAINED	1	0	0
DISTRIBUTION RESERVOIRS COVERED	1	0	0
RECHLORINATION IN DISTRIBUTION	1	0	0
PLANT OPERATORS LICENSED	0	1	0

NUMBER OF SOURCES BY TYPE

1	SURFACE
0	GROUND
0	PURCHASED

FLORIDA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	26
PROVISIONALLY APPROVED	2	1	3	1	0	5
PROHIBITED	0	0	0	0	0	0
TOTALS	2	1	3	1	0	31

NO. OF SITES - TYPE OF TREATMENT USED

31	- DISINFECTION
18	- COAGULATION
20	- RAPID SAND FILT.
8	- FLUORIDATION
24	- TASTE + ODOR CONT.
12	- LIME SOFTENING
0	- ION EXCHANGE
19	- SETTLING
12	- IRON REMOVAL
1	- OTHER

NUMBER OF SOURCES BY TYPE

71	SURFACE
89	GROUND
1	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	31	0	4
CROSS-CONNECTION CONTROL PROGRAM	28	3	4
CONTROL PROGRAM EFFECTIVE	24	0	9
20 PSI PRESSURE MAINTAINED	31	0	4
DISTRIBUTION RESERVOIRS COVERED	28	0	7
RECHLORINATION IN DISTRIBUTION	7	1	32
PLANT OPERATORS LICENSED	30	0	5

GEORGIA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	14
PROVISIONALLY APPROVED	0	2	0	0	0	2
PROHIBITED	0	1	0	1	0	1
TOTALS	0	3	0	1	0	17

NO. OF SITES - TYPE OF TREATMENT USED

18	- DISINFECTION
5	- COAGULATION
6	- RAPID SAND FILT.
4	- FLUORIDATION
2	- TASTE + ODOR CONT.
1	- LIME SOFTENING
0	- ION EXCHANGE
6	- SETTLING
0	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	14	0	3
CROSS-CONNECTION CONTROL PROGRAM	9	6	3
CONTROL PROGRAM EFFECTIVE	8	0	10
20 PSI PRESSURE MAINTAINED	17	0	1
DISTRIBUTION RESERVOIRS COVERED	16	0	2
RECHLORINATION IN DISTRIBUTION	1	0	17
PLANT OPERATORS LICENSED	11	5	1

NUMBER OF SOURCES BY TYPE

4	SURFACE
12	GROUND
0	PURCHASED

HAWAII

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	3
PROVISIONALLY APPROVED	2	0	1	0	0	2
PROHIBITED	0	0	0	0	0	1
TOTALS	2	0	1	0	0	6

NO. OF SITES - TYPE OF TREATMENT USED

6	- DISINFECTION
1	- COAGULATION
0	- RAPID SAND FILT.
0	- FLUORIDATION
0	- TASTE & ODOR CONT.
1	- LIME SOFTENING
0	- ION EXCHANGE
0	- SETTLING
0	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	6	0	5
CROSS-CONNECTION CONTROL PROGRAM	5	1	5
CONTROL PROGRAM EFFECTIVE	5	0	6
20 PSI PRESSURE MAINTAINED	6	0	5
DISTRIBUTION RESERVOIRS COVERED	5	1	5
RECHLORINATION IN DISTRIBUTION	5	1	5
PLANT OPERATORS LICENSED	0	6	5

NUMBER OF SOURCES BY TYPE

2 SURFACE
7 GROUND
0 PURCHASED

IDAHO

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	?
PROVISIONALLY APPROVED	0	1	1	1	0	1
PROHIBITED	0	0	0	0	0	0
TOTALS	0	1	1	1	0	?

NO. OF SITES - TYPE OF TREATMENT USED

3	- DISINFECTION
1	- COAGULATION
1	- RAPID SAND FILT.
0	- FLUORIDATION
1	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
1	- SETTLING
0	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	3	0	2
CROSS-CONNECTION CONTROL PROGRAM	?	1	?
CONTROL PROGRAM EFFECTIVE	?	1	?
20 PSI PRESSURE MAINTAINED	3	0	2
DISTRIBUTION RESERVOIRS COVERED	3	0	2
RECHLORINATION IN DISTRIBUTION	1	0	4
PLANT OPERATORS LICENSED	3	0	2

NUMBER OF SOURCES BY TYPE

1	SURFACE
47	GROUND
0	PURCHASED

ILLINOIS

CLASSIFICATIONS ASSIGNED

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	18
PROVISIONALLY APPROVED	0	1	0	0	0	1
PROHIBITED	0	0	0	0	0	0
TOTALS	0	1	0	0	0	19

NO. OF SITES - TYPE OF TREATMENT USED

20	- DISINFECTION
11	- COAGULATION
10	- RAPID SAND FILT.
12	- FLUORIDATION
6	- TASTE + ODOR CONT.
5	- LIME SOFTENING
0	- ION EXCHANGE
10	- SETTLING
7	- IRON REMOVAL
6	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	50	0	0
CROSS-CONNECTION CONTROL PROGRAM	12	8	0
CONTROL PROGRAM EFFECTIVE	12	4	4
20 PSI PRESSURE MAINTAINED	20	0	0
DISTRIBUTION RESERVOIRS COVERED	20	0	0
RECHLORINATION IN DISTRIBUTION	0	0	20
PLANT OPERATORS LICENSED	19	1	0

NUMBER OF SOURCES BY TYPE

7	SURFACE
43	GROUND
4	PURCHASED

INDIANA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	9
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	9

150

NO. OF SITES - TYPE OF TREATMENT USED

10	- DISINFECTION
7	- COAGULATION
8	- RAPID SAND FILT.
8	- FLUORIDATION
6	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
8	- SETTLING
1	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	8	1	2
CROSS-CONNECTION CONTROL PROGRAM	8	2	1
CONTROL PROGRAM EFFECTIVE	8	0	3
20 PSI PRESSURE MAINTAINED	10	0	1
DISTRIBUTION RESERVOIRS COVERED	10	0	1
RECHLORINATION IN DISTRIBUTION	0	0	11
PLANT OPERATORS LICENSED	8	2	1

NUMBER OF SOURCES BY TYPE

9	SURFACE
17	GROUND
0	PURCHASED

IOWA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	0
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0

NO. OF SITES - TYPE OF TREATMENT USED

11	- DISINFECTION
7	- COAGULATION
8	- RAPID SAND FILT.
8	- FLUORIDATION
6	- TASTE + ODOR CONT.
6	- LIME SOFTENING
0	- ION EXCHANGE
7	- SETTLING
4	- IRON REMOVAL
9	- OTHER

NUMBER OF SOURCES BY TYPE

5	SURFACE
11	GROUND
0	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	13	0	0
CROSS-CONNECTION CONTROL PROGRAM	12	1	0
CONTROL PROGRAM EFFECTIVE	7	6	0
20 PSI PRESSURE MAINTAINED	12	1	0
DISTRIBUTION RESERVOIRS COVERED	12	1	0
RECHLORINATION IN DISTRIBUTION	2	0	11
PLANT OPERATORS LICENSED	13	0	0

KANSAS

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	8
PROVISIONALLY APPROVED	0	0	1	0	0	1
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	1	0	0	9

NO. OF SITES - TYPE OF TREATMENT USED

10	- DISINFECTION
5	- COAGULATION
5	- RAPID SAND FILT.
4	- FLUORIDATION
5	- TASTE + ODOR CONT.
5	- LIME SOFTENING
0	- ION EXCHANGE
5	- SETTLING
3	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	10	[illegible]	0
CROSS-CONNECTION CONTROL PROGRAM	6	4	0
CONTROL PROGRAM EFFECTIVE	6	4	0
20 PSI PRESSURE MAINTAINED	9	0	1
DISTRIBUTION RESERVOIRS COVERED	8	0	2
RECHLORINATION IN DISTRIBUTION	0	0	10
PLANT OPERATORS LICENSED	7	3	0

NUMBER OF SOURCES BY TYPE

6	SURFACE
21	GROUND
0	PURCHASED

KENTUCKY

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	5
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	1	0	0	0	1
TOTALS	0	1	0	0	0	6

NO. OF SITES - TYPE OF TREATMENT USED

6	- DISINFECTION
6	- COAGULATION
6	- RAPID SAND FILT.
6	- FLUORIDATION
6	- TASTE + ODOR CONT.
1	- LIME SOFTENING
0	- ION EXCHANGE
6	- SETTLING
6	- IRON REMOVAL
0	- OTHER

NUMBER OF SOURCES BY TYPE

5	SURFACE
1	GROUND
0	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	6		0
CROSS-CONNECTION CONTROL PROGRAM	2	4	0
CONTROL PROGRAM EFFECTIVE	2	0	4
20 PSI PRESSURE MAINTAINED	6	0	0
DISTRIBUTION RESERVOIRS COVERED	6	0	0
RECHLORINATION IN DISTRIBUTION	1	0	5
PLANT OPERATORS LICENSED	6	0	0

LOUISIANA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	43
PROVISIONALLY APPROVED	4	7	0	1	0	11
PROHIBITED	0	0	0	0	0	0
TOTALS	4	7	0	1	0	54

NO. OF SITES - TYPE OF TREATMENT USED

39	- DISINFECTION
32	- COAGULATION
32	- RAPID SAND FILT.
3	- FLUORIDATION
22	- TASTE + ODOR CONT.
31	- LIME SOFTENING
0	- ION EXCHANGE
34	- SETTLING
9	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	51		6
CROSS-CONNECTION CONTROL PROGRAM	39	24	1
CONTROL PROGRAM EFFECTIVE	33	17	7
20 PSI PRESSURE MAINTAINED	52	0	5
DISTRIBUTION RESERVOIRS COVERED	41	0	16
RECHLORINATION IN DISTRIBUTION	1	0	56
PLANT OPERATORS LICENSED	18	38	1

NUMBER OF SOURCES BY TYPE

61	SURFACE
85	GROUND
3	PURCHASED

MAINE

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	6
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	6

NO. OF SITES - TYPE OF TREATMENT USED

7	- DISINFECTION
1	- COAGULATION
1	- RAPID SAND FILT.
4	- FLUORIDATION
0	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
0	- SETTLING
0	- IRON REMOVAL
4	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	7		0
CROSS-CONNECTION CONTROL PROGRAM	0	7	0
CONTROL PROGRAM EFFECTIVE	0	7	0
20 PSI PRESSURE MAINTAINED	5	2	0
DISTRIBUTION RESERVOIRS COVERED	5	2	0
RECHLORINATION IN DISTRIBUTION	0	2	5
PLANT OPERATORS LICENSED	7	0	0

NUMBER OF SOURCES BY TYPE

6	SURFACE
2	GROUND
0	PURCHASED

MARYLAND

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	6
PROVISIONALLY APPROVED	0	2	0	0	0	2
PROHIBITED	1	2	1	1	0	2
TOTALS	1	4	1	1	0	10

NO. OF SITES - TYPE OF TREATMENT USED

13	- DISINFECTION
8	- COAGULATION
8	- RAPID SAND FILT.
8	- FLUORIDATION
5	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
8	- SETTLING
3	- IRON REMOVAL
6	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	13	-	2
CROSS-CONNECTION CONTROL PROGRAM	5	8	2
CONTROL PROGRAM EFFECTIVE	5	8	2
20 PSI PRESSURE MAINTAINED	12	0	3
DISTRIBUTION RESERVOIRS COVERED	7	5	3
RECHLORINATION IN DISTRIBUTION	6	1	8
PLANT OPERATORS LICENSED	12	0	3

NUMBER OF SOURCES BY TYPE

10	SURFACE
45	GROUND
2	PURCHASED

MASSACHUSETTS

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	9
PROVISIONALLY APPROVED	2	2	2	0	0	5
PROHIBITED	1	0	0	0	0	1
TOTALS	3	2	2	0	0	15

NO. OF SITES - TYPE OF TREATMENT USED

17	- DISINFECTION
4	- COAGULATION
4	- RAPID SAND FILT.
4	- FLUORIDATION
5	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
4	- SETTLING
2	- IRON REMOVAL
7	- OTHER

NUMBER OF SOURCES BY TYPE

21	SURFACE
12	GROUND
6	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	17	1	1
CROSS-CONNECTION CONTROL PROGRAM	3	15	1
CONTROL PROGRAM EFFECTIVE	2	15	2
20 PSI PRESSURE MAINTAINED	16	2	1
DISTRIBUTION RESERVOIRS COVERED	10	1	8
RECHLORINATION IN DISTRIBUTION	2	2	15
PLANT OPERATORS LICENSED	12	6	1

MICHIGAN

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	16
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	16

NO. OF SITES - TYPE OF TREATMENT USED

15	- DISINFECTION
12	- COAGULATION
12	- RAPID SAND FILT.
11	- FLUORIDATION
9	- TASTE + ODOR CONT.
4	- LIME SOFTENING
0	- ION EXCHANGE
12	- SETTLING
0	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	16		1
CROSS-CONNECTION CONTROL PROGRAM	16	0	1
CONTROL PROGRAM EFFECTIVE	16	0	1
20 PSI PRESSURE MAINTAINED	16	0	1
DISTRIBUTION RESERVOIRS COVERED	16	0	1
RECHLORINATION IN DISTRIBUTION	0	0	17
PLANT OPERATORS LICENSED	16	0	1

NUMBER OF SOURCES BY TYPE

14	SURFACE
5	GROUND
1	PURCHASED

MINNESOTA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	5
PROVISIONALLY APPROVED	0	1	0	0	0	1
PROHIBITED	1	1	1	0	0	2
TOTALS	1	2	1	0	0	8

NO. OF SITES - TYPE OF TREATMENT USED

10	- DISINFECTION
6	- COAGULATION
5	- RAPID SAND FILT.
9	- FLUORIDATION
4	- TASTE + ODOR CONT.
5	- LIME SOFTENING
1	- ION EXCHANGE
7	- SETTLING
2	- IRON REMOVAL
5	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	9	2	0
CROSS-CONNECTION CONTROL PROGRAM	5	4	0
CONTROL PROGRAM EFFECTIVE	5	2	4
20 PSI PRESSURE MAINTAINED	10	1	0
DISTRIBUTION RESERVOIRS COVERED	10	0	1
RECHLORINATION IN DISTRIBUTION	2	0	9
PLANT OPERATORS LICENSED	10	1	0

NUMBER OF SOURCES BY TYPE

4	SURFACE
20	GROUND
1	PURCHASED

MISSISSIPPI

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	6
PROVISIONALLY APPROVED	7	0	1	0	0	7
PROHIBITED	2	0	0	0	0	3
TOTALS	9	0	1	0	0	16

160

NO. OF SITES - TYPE OF TREATMENT USED

20	- DISINFECTION
4	- COAGULATION
4	- RAPID SAND FILT.
3	- FLUORIDATION
15	- TASTE + ODOR CONT.
2	- LIME SOFTENING
1	- ION EXCHANGE
3	- SETTLING
3	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	19	0	1
CROSS-CONNECTION CONTROL PROGRAM	0	19	1
CONTROL PROGRAM EFFECTIVE	0	18	2
20 PSI PRESSURE MAINTAINED	19	0	1
DISTRIBUTION RESERVOIRS COVERED	19	0	1
RECHLORINATION IN DISTRIBUTION	15	0	5
PLANT OPERATORS LICENSED	3	16	1

NUMBER OF SOURCES BY TYPE

2	SURFACE
24	GROUND
0	PURCHASED

MISSOURI

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL	
APPROVED	-----	-----	-----	-----	-----	6	
PROVISIONALLY APPROVED	1	1	0	0	0	2	
PROHIBITED	1	0	0	0	0	1	
TOTALS	2	1	0	0	0	9	

NO. OF SITES - TYPE OF TREATMENT USED

7	- DISINFECTION
7	- COAGULATION
7	- RAPID SAND FILT.
6	- FLUORIDATION
7	- TASTE + ODOR CONT.
5	- LIME SOFTENING
1	- ION EXCHANGE
7	- SETTLING
0	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	7	1	3
CROSS-CONNECTION CONTROL PROGRAM	9	0	2
CONTROL PROGRAM EFFECTIVE	9	0	2
20 PSI PRESSURE MAINTAINED	9	0	2
DISTRIBUTION RESERVOIRS COVERED	9	0	2
RECHLORINATION IN DISTRIBUTION	0	0	11
PLANT OPERATORS LICENSED	9	0	2

NUMBER OF SOURCES BY TYPE

6	SURFACE
5	GROUND
0	PURCHASED

MONTANA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	8
PROVISIONALLY APPROVED	1	0	1	1	0	1
PROHIBITED	0	0	0	0	0	0
TOTALS	1	0	1	1	0	9

NO. OF SITES - TYPE OF TREATMENT USED

9	- DISINFECTION
6	- COAGULATION
6	- RAPID SAND FILT.
0	- FLUORIDATION
4	- TASTE + ODOR CONT.
2	- LIME SOFTENING
0	- ION EXCHANGE
7	- SETTLING
0	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	10	0	0
CROSS-CONNECTION CONTROL PROGRAM	10	0	0
CONTROL PROGRAM EFFECTIVE	10	0	0
20 PSI PRESSURE MAINTAINED	10	0	0
DISTRIBUTION RESERVOIRS COVERED	9	1	0
RECHLORINATION IN DISTRIBUTION	4	0	6
PLANT OPERATORS LICENSED	9	1	0

NUMBER OF SOURCES BY TYPE

10	SURFACE
27	GROUND
1	PURCHASED

NEBRASKA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	3
PROVISIONALLY APPROVED	2	0	0	0	0	2
PROHIBITED	0	0	0	0	0	0
TOTALS	2	0	0	0	0	5

NO. OF SITES - TYPE OF TREATMENT USED

7	- DISINFECTION
3	- COAGULATION
4	- RAPID SAND FILT.
3	- FLUORIDATION
2	- TASTE + ODOR CONT.
2	- LIME SOFTENING
0	- ION EXCHANGE
4	- SETTLING
4	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	8	0	0
CROSS-CONNECTION CONTROL PROGRAM	1	7	0
CONTROL PROGRAM EFFECTIVE	2	4	2
20 PSI PRESSURE MAINTAINED	5	0	3
DISTRIBUTION RESERVOIRS COVERED	5	0	3
RECHLORINATION IN DISTRIBUTION	0	0	8
PLANT OPERATORS LICENSES	0	8	0

NUMBER OF SOURCES BY TYPE

1	SURFACE
13	GROUND
0	PURCHASED

NEVADA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	2
PROVISIONALLY APPROVED	1	2	0	0	0	2
PROHIBITED	0	0	0	0	0	0
TOTALS	1	2	0	0	0	4

NO. OF SITES - TYPE OF TREATMENT USED

4	- DISINFECTION
3	- COAGULATION
1	- RAPID SAND FILT.
0	- FLUORIDATION
4	- TASTE + ODOR CONT.
2	- LIME SOFTENING
0	- ION EXCHANGE
2	- SETTLING
0	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	4		1
CROSS-CONNECTION CONTROL PROGRAM	4	0	1
CONTROL PROGRAM EFFECTIVE	4	0	1
20 PSI PRESSURE MAINTAINED	4	0	1
DISTRIBUTION RESERVOIRS COVERED	4	0	1
RECHLORINATION IN DISTRIBUTION	3	0	2
PLANT OPERATORS LICENSED	0	3	2

NUMBER OF SOURCES BY TYPE

4	SURFACE
3	GROUND
0	PURCHASED

NEW HAMPSHIRE

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	1
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	1

NO. OF SITES - TYPE OF TREATMENT USED

2	- DISINFECTION
1	- COAGULATION
1	- RAPID SAND FILT.
0	- FLUORIDATION
1	- TASTE + ODOR CONT.
1	- LIME SOFTENING
0	- ION EXCHANGE
1	- SETTLING
0	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	2		0
CROSS-CONNECTION CONTROL PROGRAM	2	0	0
CONTROL PROGRAM EFFECTIVE	2	0	0
20 PSI PRESSURE MAINTAINED	2	0	0
DISTRIBUTION RESERVOIRS COVERED	2	0	0
RECHLORINATION IN DISTRIBUTION	1	0	1
PLANT OPERATORS LICENSED	0	1	1

NUMBER OF SOURCES BY TYPE

2	SURFACE
7	GROUND
0	PURCHASED

NEW JERSEY

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	1A
PROVISIONALLY APPROVED	6	12	15	3	0	23
PROHIBITED	0	0	0	0	0	0
TOTALS	6	12	15	3	0	3Q

NO. OF SITES - TYPE OF TREATMENT USED

35	- DISINFECTION
12	- COAGULATION
18	- RAPID SAND FILT.
6	- FLUORIDATION
17	- TASTE + ODOR CONT.
0	- LIME SOFTENING
1	- ION EXCHANGE
17	- SETTLING
14	- IRON REMOVAL
15	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	39	.	2
CROSS-CONNECTION CONTROL PROGRAM	0	1	40
CONTROL PROGRAM EFFECTIVE	0	1	40
20 PSI PRESSURE MAINTAINED	39	1	1
DISTRIBUTION RESERVOIRS COVERED	27	7	7
RECHLORINATION IN DISTRIBUTION	4	5	32
PLANT OPERATORS LICENSED	37	3	1

NUMBER OF SOURCES BY TYPE

19	SURFACE
275	GROUND
16	PURCHASED

NEW MEXICO

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	4
PROVISIONALLY APPROVED	1	2	1	2	0	3
PROHIBITED	0	0	0	0	0	0
TOTALS	1	2	1	2	0	7

NO. OF SITES - TYPE OF TREATMENT USED

7	- DISINFECTION
2	- COAGULATION
2	- RAPID SAND FILT.
3	- FLUORIDATION
2	- TASTE + ODOR CONT.
2	- LIME SOFTENING
0	- ION EXCHANGE
2	- SETTLING
0	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	7		0
CROSS-CONNECTION CONTROL PROGRAM	6	1	0
CONTROL PROGRAM EFFECTIVE	6	1	0
20 PSI PRESSURE MAINTAINED	7	0	0
DISTRIBUTION RESERVOIRS COVERED	7	0	0
RECHLORINATION IN DISTRIBUTION	3	0	4
PLANT OPERATORS LICENSED	5	2	0

NUMBER OF SOURCES BY TYPE

2	SURFACE
22	GROUND
0	PURCHASED

NEW YORK

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	34
PROVISIONALLY APPROVED	2	4	2	2	0	7
PROHIBITED	0	0	0	0	0	1
TOTALS	2	4	2	2	0	42

NO. OF SITES - TYPE OF TREATMENT USED

40	- DISINFECTION
19	- COAGULATION
19	- RAPID SAND FILT.
23	- FLUORIDATION
18	- TASTE + ODOR CONT.
5	- LIME SOFTENING
0	- ION EXCHANGE
18	- SETTLING
6	- IRON REMOVAL
14	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	39	2	7
CROSS-CONNECTION CONTROL PROGRAM	34	1	7
CONTROL PROGRAM EFFECTIVE	34	3	9
20 PSI PRESSURE MAINTAINED	40	1	7
DISTRIBUTION RESERVOIRS COVERED	25	16	7
RECHLORINATION IN DISTRIBUTION	25	0	23
PLANT OPERATORS LICENSED	40	1	7

NUMBER OF SOURCES BY TYPE

47	SURFACE
141	GROUND
9	PURCHASED

NORTH CAROLINA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	18
PROVISIONALLY APPROVED	0	1	1	0	0	1
PROHIBITED	1	0	1	0	0	1
TOTALS	1	1	2	0	0	20

NO. OF SITES - TYPE OF TREATMENT USED

19	- DISINFECTION
15	- COAGULATION
15	- RAPID SAND FILT.
16	- FLUORIDATION
13	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
16	- SETTLING
0	- IRON REMOVAL
8	- OTHER

NUMBER OF SOURCES BY TYPE

18	SURFACE
6	GROUND
0	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	51	0	0
CROSS-CONNECTION CONTROL PROGRAM	18	2	0
CONTROL PROGRAM EFFECTIVE	18	0	2
20 PSI PRESSURE MAINTAINED	20	1	0
DISTRIBUTION RESERVOIRS COVERED	16	5	0
RECHLORINATION IN DISTRIBUTION	5	0	16
PLANT OPERATORS LICENSED	17	4	0

NORTH DAKOTA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	5
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	5

NO. OF SITES - TYPE OF TREATMENT USED

5	- DISINFECTION
5	- COAGULATION
5	- RAPID SAND FILT.
5	- FLUORIDATION
5	- TASTE + ODOR CONT.
5	- LIME SOFTENING
0	- ION EXCHANGE
5	- SETTLING
5	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	5		0
CROSS-CONNECTION CONTROL PROGRAM	5	0	0
CONTROL PROGRAM EFFECTIVE	5	0	0
20 PSI PRESSURE MAINTAINED	5	0	0
DISTRIBUTION RESERVOIRS COVERED	5	0	0
RECHLORINATION IN DISTRIBUTION	3	0	2
PLANT OPERATORS LICENSED	5	0	0

NUMBER OF SOURCES BY TYPE

5	SURFACE
0	GROUND
0	PURCHASED

OHIO

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	22
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	22

NO. OF SITES - TYPE OF TREATMENT USED

22	- DISINFECTION
17	- COAGULATION
18	- RAPID SAND FILT.
13	- FLUORIDATION
14	- TASTE + ODOR CONT.
8	- LIME SOFTENING
1	- ION EXCHANGE
18	- SETTLING
6	- IRON REMOVAL
9	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	19	9	3
CROSS-CONNECTION CONTROL PROGRAM	12	10	3
CONTROL PROGRAM EFFECTIVE	12	6	7
20 PSI PRESSURE MAINTAINED	22	0	3
DISTRIBUTION RESERVOIRS COVERED	20	1	4
RECHLORINATION IN DISTRIBUTION	4	0	21
PLANT OPERATORS LICENSED	16	3	3

NUMBER OF SOURCES BY TYPE

13	SURFACE
14	GROUND
0	PURCHASED

OKLAHOMA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	5
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	5

NO. OF SITES - TYPE OF TREATMENT USED

4	- DISINFECTION
4	- COAGULATION
4	- RAPID SAND FILT.
4	- FLUORIDATION
4	- TASTE + ODOR CONT.
1	- LIME SOFTENING
0	- ION EXCHANGE
4	- SETTLING
0	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	4	0	3
CROSS-CONNECTION CONTROL PROGRAM	5	0	2
CONTROL PROGRAM EFFECTIVE	5	0	2
20 PSI PRESSURE MAINTAINED	5	0	2
DISTRIBUTION RESERVOIRS COVERED	4	0	3
RECHLORINATION IN DISTRIBUTION	0	0	7
PLANT OPERATORS LICENSED	4	1	2

NUMBER OF SOURCES BY TYPE

4	SURFACE
1	GROUND
0	PURCHASED

OREGON

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	8
PROVISIONALLY APPROVED	0	0	1	1	0	2
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	1	1	0	10

NO. OF SITES - TYPE OF TREATMENT USED

11	- DISINFECTION
6	- COAGULATION
7	- RAPID SAND FILT.
4	- FLUORIDATION
6	- TASTE + ODOR CONT.
0	- LIME SOFTENING
2	- ION EXCHANGE
6	- SETTLING
2	- IRON REMOVAL
3	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	11		3
CROSS-CONNECTION CONTROL PROGRAM	9	2	3
CONTROL PROGRAM EFFECTIVE	6	7	3
20 PSI PRESSURE MAINTAINED	11	0	3
DISTRIBUTION RESERVOIRS COVERED	7	4	3
RECHLORINATION IN DISTRIBUTION	3	4	7
PLANT OPERATORS LICENSED	11	0	3

NUMBER OF SOURCES BY TYPE

10	SURFACE
27	GROUND
1	PURCHASED

PENNSYLVANIA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	24
PROVISIONALLY APPROVED	2	6	2	1	0	8
PROHIBITED	0	0	0	0	0	1
TOTALS	2	6	2	1	0	33

NO. OF SITES - TYPE OF TREATMENT USED

32	- DISINFECTION
19	- COAGULATION
19	- RAPID SAND FLT.
14	- FLUORIDATION
19	- TASTE + ODOR CONT.
9	- LIME SOFTENING
3	- ION EXCHANGE
19	- SETTLING
13	- IRON REMOVAL
11	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	30	2	2
CROSS-CONNECTION CONTROL PROGRAM	29	4	1
CONTROL PROGRAM EFFECTIVE	28	2	4
20 PSI PRESSURE MAINTAINED	32	0	2
DISTRIBUTION RESERVOIRS COVERED	14	16	4
RECHLORINATION IN DISTRIBUTION	18	4	11
PLANT OPERATORS LICENSED	29	2	3

NUMBER OF SOURCES BY TYPE

42	SURFACE
68	GROUND
0	PURCHASED

SOUTH CAROLINA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	5
PROVISIONALLY APPROVED	1	0	0	0	0	1
PROHIBITED	0	0	0	0	0	0
TOTALS	1	0	0	0	0	6

NO. OF SITES - TYPE OF TREATMENT USED

6 - DISINFECTION
3 - COAGULATION
4 - RAPID SAND FILT.
4 - FLUORIDATION
2 - TASTE + ODOR CONT.
0 - LIME SOFTENING
0 - ION EXCHANGE
2 - SETTLING
1 - IRON REMOVAL
4 - OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	4		2
CROSS-CONNECTION CONTROL PROGRAM	2	4	2
CONTROL PROGRAM EFFECTIVE	2	1	5
20 PSI PRESSURE MAINTAINED	4	0	2
DISTRIBUTION RESERVOIRS COVERED	4	0	2
RECHLORINATION IN DISTRIBUTION	0	0	6
PLANT OPERATORS LICENSED	0	4	2

NUMBER OF SOURCES BY TYPE

3 SURFACE
5 GROUND
3 PURCHASED

SOUTH DAKOTA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	8
PROVISIONALLY APPROVED	2	0	0	0	0	2
PROHIBITED	0	0	0	0	0	0
TOTALS	2	0	0	0	0	10

NO. OF SITES - TYPE OF TREATMENT USED

9	- DISINFECTION
6	- COAGULATION
6	- RAPID SAND FILT.
5	- FLUORIDATION
6	- TASTE + ODOR CONT.
0	- LIME SOFTENING
1	- ION EXCHANGE
7	- SETTLING
3	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	9	0	1
CROSS-CONNECTION CONTROL PROGRAM	8	1	1
CONTROL PROGRAM EFFECTIVE	7	0	3
20 PSI PRESSURE MAINTAINED	9	1	0
DISTRIBUTION RESERVOIRS COVERED	8	2	0
RECHLORINATION IN DISTRIBUTION	3	2	5
PLANT OPERATORS LICENSED	9	1	0

NUMBER OF SOURCES BY TYPE

11	SURFACE
14	GROUND
0	PURCHASED

TENNESSEE

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	3
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	3

NO. OF SITES - TYPE OF TREATMENT USED

3	- DISINFECTION
2	- COAGULATION
2	- RAPID SAND FILT.
2	- FLUORIDATION
2	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
2	- SETTLING
1	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	3	0	0
CROSS-CONNECTION CONTROL PROGRAM	3	0	0
CONTROL PROGRAM EFFECTIVE	3	0	0
20 PSI PRESSURE MAINTAINED	3	0	0
DISTRIBUTION RESERVOIRS COVERED	3	0	0
RECHLORINATION IN DISTRIBUTION	2	0	1
PLANT OPERATORS LICENSED	3	0	0

NUMBER OF SOURCES BY TYPE

2	SURFACE
39	GROUND
0	PURCHASED

TEXAS

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	5
PROVISIONALLY APPROVED	0	1	2	1	0	3
PROHIBITED	1	1	1	1	0	1
TOTALS	1	2	3	2	0	9

NO. OF SITES - TYPE OF TREATMENT USED

9	- DISINFECTION
7	- COAGULATION
8	- RAPID SAND FILT.
7	- FLUORIDATION
5	- TASTE + ODOR CONT.
1	- LIME SOFTENING
0	- ION EXCHANGE
7	- SETTLING
4	- IRON REMOVAL
3	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	9		0
CROSS-CONNECTION CONTROL PROGRAM	5	4	0
CONTROL PROGRAM EFFECTIVE	4	5	0
20 PSI PRESSURE MAINTAINED	8	1	0
DISTRIBUTION RESERVOIRS COVERED	8	1	0
RECHLORINATION IN DISTRIBUTION	0	1	8
PLANT OPERATORS LICENSED	9	0	0

NUMBER OF SOURCES BY TYPE

6	SURFACE
1	GROUND
1	PURCHASED

UTAH

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	50
PROVISIONALLY APPROVED	8	1	3	0	0	11
PROHIBITED	0	0	0	0	0	0
TOTALS	8	1	3	0	0	61

NO. OF SITES - TYPE OF TREATMENT USED

57	- DISINFECTION
30	- COAGULATION
30	- RAPID SAND FILT.
9	- FLUORIDATION
22	- TASTE + ODOR CONT.
11	- LIME SOFTENING
0	- ION EXCHANGE
30	- SETTLING
1	- IRON REMOVAL
5	- OTHER

NUMBER OF SOURCES BY TYPE

56	SURFACE
78	GROUND
11	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	52	1	3
CROSS-CONNECTION CONTROL PROGRAM	47	1	3
CONTROL PROGRAM EFFECTIVE	49	0	3
20 PSI PRESSURE MAINTAINED	50	2	9
DISTRIBUTION RESERVOIRS COVERED	57	0	56
RECHLORINATION IN DISTRIBUTION	10	0	3
PLANT OPERATORS LICENSED	60	2	

VERMONT

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	1
PROVISIONALLY APPROVED	0	0	2	0	0	2
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	2	0	0	3

NO. OF SITES - TYPE OF TREATMENT USED

3	- DISINFECTION
2	- COAGULATION
2	- RAPID SAND FILT.
0	- FLUORIDATION
1	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
2	- SETTLING
1	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	3	0	0
CROSS-CONNECTION CONTROL PROGRAM	2	1	0
CONTROL PROGRAM EFFECTIVE	2	0	1
20 PSI PRESSURE MAINTAINED	2	1	0
DISTRIBUTION RESERVOIRS COVERED	1	2	0
RECHLORINATION IN DISTRIBUTION	0	1	2
PLANT OPERATORS LICENSED	2	0	1

NUMBER OF SOURCES BY TYPE

5	SURFACE
13	GROUND
4	PURCHASED

VIRGINIA

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	1
PROVISIONALLY APPROVED	1	0	1	0	0	1
PROHIBITED	1	0	1	0	0	1
TOTALS	2	0	2	0	0	3

NO. OF SITES - TYPE OF TREATMENT USED

3	- DISINFECTION
0	- COAGULATION
1	- RAPID SAND FILT.
1	- FLUORIDATION
0	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
1	- SETTLING
0	- IRON REMOVAL
0	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	3	0	0
CROSS-CONNECTION CONTROL PROGRAM	1	2	0
CONTROL PROGRAM EFFECTIVE	0	3	0
20 PSI PRESSURE MAINTAINED	3	0	0
DISTRIBUTION RESERVOIRS COVERED	0	3	0
RECHLORINATION IN DISTRIBUTION	3	0	0
PLANT OPERATORS LICENSED	3	0	0

NUMBER OF SOURCES BY TYPE

4	SURFACE
1	GROUND
0	PURCHASED

WASHINGTON

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	18
PROVISIONALLY APPROVED	2	1	1	0	0	2
PROHIBITED	0	0	0	0	0	0
TOTALS	2	1	1	0	0	20

NO. OF SITES - TYPE OF TREATMENT USED

18	- DISINFECTION
13	- COAGULATION
14	- RAPID SAND FILT.
13	- FLUORIDATION
11	- TASTE + ODOR CONT.
1	- LIME SOFTENING
0	- ION EXCHANGE
13	- SETTLING
1	- IRON REMOVAL
9	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	17	1	6
CROSS-CONNECTION CONTROL PROGRAM	12	6	6
CONTROL PROGRAM EFFECTIVE	12	5	7
20 PSI PRESSURE MAINTAINED	17	1	6
DISTRIBUTION RESERVOIRS COVERED	14	4	6
RECHLORINATION IN DISTRIBUTION	5	3	16
PLANT OPERATORS LICENSED	12	6	6

NUMBER OF SOURCES BY TYPE

30	SURFACE
11	GROUND
8	PURCHASED

WISCONSIN

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	27
PROVISIONALLY APPROVED	4	4	8	5	0	9
PROHIBITED	0	0	0	0	0	0
TOTALS	4	4	8	5	0	36

NO. OF SITES - TYPE OF TREATMENT USED

36	- DISINFECTION
15	- COAGULATION
16	- RAPID SAND FILT.
16	- FLUORIDATION
12	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
12	- SETTLING
2	- IRON REMOVAL
6	- OTHER

NUMBER OF SOURCES BY TYPE

26	SURFACE
209	GROUND
5	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	23	9	5
CROSS-CONNECTION CONTROL PROGRAM	28	10	4
CONTROL PROGRAM EFFECTIVE	26	6	10
20 PSI PRESSURE MAINTAINED	36	3	4
DISTRIBUTION RESERVOIRS COVERED	23	10	3
RECHLORINATION IN DISTRIBUTION	10	6	20
PLANT OPERATORS LICENSED	29	9	4

WYOMING

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	6
PROVISIONALLY APPROVED	0	1	4	2	0	4
PROHIBITED	0	0	0	0	0	0
TOTALS	0	1	4	2	0	10

NO. OF SITES - TYPE OF TREATMENT USED

11	- DISINFECTION
6	- COAGULATION
6	- RAPID SAND FILT.
5	- FLUORIDATION
5	- TASTE + ODOR CONT.
0	- LIME SOFTENING
1	- ION EXCHANGE
7	- SETTLING
1	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	[illegible]	6	4
CROSS-CONNECTION CONTROL PROGRAM	3	8	4
CONTROL PROGRAM EFFECTIVE	[illegible]	0	12
20 PSI PRESSURE MAINTAINED	11	0	4
DISTRIBUTION RESERVOIRS COVERED	11	0	4
RECHLORINATION IN DISTRIBUTION	1	0	14
PLANT OPERATORS LICENSED	9	2	4

NUMBER OF SOURCES BY TYPE

8	SURFACE
8	GROUND
1	PURCHASED

GUAM

TOTAL NUMBER OF FACILITIES0 1

NUMBER PUBLIC FACILITIES0 0
NUMBER PRIVATE FACILITIES0 0
NO INFORMATION0 1

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	0
PROVISIONALLY APPROVED	0	0	0	0	1	1
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	1	1

185

NO. OF SITES - TYPE OF TREATMENT USED

0 - DISINFECTION
0 - COAGULATION
0 - RAPID SAND FILT.
0 - FLUORIDATION
0 - TASTE + ODOR CONT.
0 - LIME SOFTENING
0 - ION EXCHANGE
0 - SETTLING
0 - IRON REMOVAL
0 - OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	0	-	1
CROSS-CONNECTION CONTROL PROGRAM	0	0	1
CONTROL PROGRAM EFFECTIVE	0	0	1
20 PSI PRESSURE MAINTAINED	0	0	1
DISTRIBUTION RESERVOIRS COVERED	0	0	1
RECHLORINATION IN DISTRIBUTION	0	0	1
PLANT OPERATORS LICENSED	0	0	1

NUMBER OF SOURCES BY TYPE

0 SURFACE
0 GROUND
0 PURCHASED

MARSHALL ISLANDS

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	1
PROVISIONALLY APPROVED	0	0	0	0	0	0
PROHIBITED	0	0	0	0	0	0
TOTALS	0	0	0	0	0	1

NO. OF SITES - TYPE OF TREATMENT USED

1	- DISINFECTION
0	- COAGULATION
1	- RAPID SAND FILT.
1	- FLUORIDATION
0	- TASTE + ODOR CONT.
0	- LIME SOFTENING
0	- ION EXCHANGE
1	- SETTLING
0	- IRON REMOVAL
1	- OTHER

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	1	-	0
CROSS-CONNECTION CONTROL PROGRAM	1	0	0
CONTROL PROGRAM EFFECTIVE	1	0	0
20 PSI PRESSURE MAINTAINED	1	0	0
DISTRIBUTION RESERVOIRS COVERED	0	1	0
RECHLORINATION IN DISTRIBUTION	1	0	0
PLANT OPERATORS LICENSED	0	1	0

NUMBER OF SOURCES BY TYPE

1	SURFACE
0	GROUND
0	PURCHASED

PUERTO RICO

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	-----	-----	-----	-----	-----	2
PROVISIONALLY APPROVED	2	2	0	0	0	3
PROHIBITED	0	0	0	1	0	1
TOTALS	2	2	0	1	0	6

NO. OF SITES - TYPE OF TREATMENT USED

6	- DISINFECTION
4	- COAGULATION
4	- RAPID SAND FILT.
4	- FLUORIDATION
3	- TASTE + ODOR CONT.
4	- LIME SOFTENING
0	- ION EXCHANGE
4	- SETTLING
1	- IRON REMOVAL
1	- OTHER

NUMBER OF SOURCES BY TYPE

7	SURFACE
39	GROUND
0	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	6		0
CROSS-CONNECTION CONTROL PROGRAM	5	1	0
CONTROL PROGRAM EFFECTIVE	5	1	0
20 PSI PRESSURE MAINTAINED	6	0	0
DISTRIBUTION RESERVOIRS COVERED	4	2	0
RECHLORINATION IN DISTRIBUTION	5	0	1
PLANT OPERATORS LICENSES	0	6	0

VIRGIN IS.

CLASSIFICATIONS ASSIGNED

REASONS FOR PROVISIONAL APPROVAL AND PROHIBITION
(NUMBER OF FACILITIES)

CLASSIFICATIONS ASSIGNED	WATER QUALITY	BACTERIAL MONITORING	FACILITIES	OPERATION	NO REPORT	TOTAL
APPROVED	1	1	1	1	0	3
PROVISIONALLY APPROVED	1	0	0	1	0	2
PROHIBITED	0	0	1	0	1	2
TOTALS	2	1	2	2	1	7

NO. OF SITES - TYPE OF TREATMENT USED

3	- DISINFECTION
0	- COAGULATION
1	- RAPID SAND FILT.
0	- FLUORIDATION
0	- TASTE + ODOR CONT.
1	- LIME SOFTENING
0	- ION EXCHANGE
0	- SETTLING
0	- IRON REMOVAL
1	- OTHER

NUMBER OF SOURCES BY TYPE

1	SURFACE
0	GROUND
1	PURCHASED

LOCAL WATER SUPPLY PROGRAM ATTRIBUTES

	YES	NO	NO RESPONSE
ADEQUATE PLUMBING CODE	2		1
CROSS-CONNECTION CONTROL PROGRAM	3	0	0
CONTROL PROGRAM EFFECTIVE	3	0	0
20 PSI PRESSURE MAINTAINED	2	0	1
DISTRIBUTION RESERVOIRS COVERED	3	0	0
RECHLORINATION IN DISTRIBUTION	1	0	2
PLANT OPERATORS LICENSED	0	3	0

SECTION IV

PESTICIDES PROGRAMS

EPA PROGRAM OR OFFICE NAME:

OFFICE OF PESTICIDE PROGRAMS
TECHNICAL SERVICES DIVISION (WH-569)
ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, S.W.
WASHINGTON, D.C. 20460

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE SENT TO:

MR. ROBERT HEATH
ADDRESS SAME AS ABOVE

NAME OF DIRECTOR:

MURRAY	WILLIAM	DIRECTOR
LAST	FIRST	TITLE

TELEPHONE NUMBER: 202-755-2516

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

MR. ROBERT HEATH

TELEPHONE NUMBER: 202-426-2632

STATUS OF MONITORING AND DATA COLLECTION:

OPERATIONAL

PURPOSE:

MONITORING: THE ENVIRONMENTAL PROTECTION AGENCY, SINCE ITS CREATION IN 1970, HAS PARTICIPATED IN THE COOPERATIVE, INTERAGENCY NATIONAL PESTICIDE MONITORING PROGRAM. AT THE PRESENT TIME, THE AGENCY IS OPERATING FIVE OF THE NINE AMBIENT PESTICIDE MONITORING NETWORKS. THE NETWORKS FOR SOIL AND RAW AGRICULTURAL CROPS, WATER, ESTUARIES, AND HUMAN TISSUE ARE CURRENTLY OPERATIONAL. THE AIR MONITORING NETWORK WAS OPERATIONAL FOR TWO YEARS, BUT INSTRUMENTATION DIFFICULTIES FORCED THE SUSPENSION OF THIS PROGRAM.

REMARKS:

THE FOLLOWING REPRESENTS A SUMMARY OF FEDERAL PROGRAMS THAT COOPERATE IN THE NATIONAL PESTICIDE MONITORING PROGRAM:

NATIONAL AIR MONITORING PROGRAM: THIS PROGRAM WAS ESTABLISHED IN 1970 TO DETECT PESTICIDE RESIDUES IN AIR. BECAUSE OF TECHNOLOGICAL DIFFICULTIES, THIS PROGRAM WAS SUSPENDED IN 1972 UNTIL FURTHER FIELD EVALUATIONS COULD BE MADE. UPON COMPLETION OF THIS STUDY, THE NATIONAL AIR MONITORING PROGRAM WILL BE REDESIGNED AND REINSTITUTED.

NATIONAL ESTUARINE MONITORING PROGRAM: THE OBJECTIVE OF THIS PROGRAM IS TO DETERMINE THE PRESENCE OR ABSENCE OF PERSISTENT PESTICIDE RESIDUES, ESTABLISH BASELINE RESIDUE LEVELS AND DETECT TRENDS. THE PROGRAM INVOLVES THE SEMIANNUAL COLLECTION OF COMPOSITE SAMPLES OF HERBIVOROUS AND CARNIVOROUS FISH FROM 113 ESTUARIES IN THE UNITED STATES, THE VIRGIN ISLANDS AND PUERTO RICO. SAMPLES ARE COLLECTED THROUGH CONTRACTS AND VOLUNTARY ASSISTANCE BY STATE AND UNIVERSITY PERSONNEL.

NATIONAL WATER MONITORING PROGRAM: SINCE 1973, THE PROGRAM HAS BEEN JOINTLY SPONSORED BY THE U.S. GEOLOGICAL SURVEY WHICH COLLECTS THE SAMPLES AND THE U.S. ENVIRONMENTAL PROTECTION AGENCY WHICH ANALYZES THE SAMPLES. THE 162 STATION NETWORK IS DESIGNED TO SAMPLE SURFACE WATERS AND SEDIMENT IN ORDER TO ESTABLISH BASELINE RESIDUE LEVELS AND CHANGES THEREOF. WATER SAMPLES ARE COLLECTED QUARTERLY WITH SEDIMENT BEING COLLECTED SEMI-ANNUALLY.

NATIONAL SOILS MONITORING PROGRAM: THE NATIONAL SOILS MONITORING PROGRAM

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WAS DESIGNED TO DETERMINE AVERAGE LEVELS OF PESTICIDE RESIDUES IN SOILS AND AGRICULTURAL CROPS IN THE UNITED STATES AND THROUGH PERIODIC SAMPLING, TO DETERMINE CHANGES IN THESE LEVELS. TWO LAND-USE CATEGORIES ARE RECOGNIZED: CROPLAND AND NON-CROPLAND. ONE-QUARTER OF THE ALLOCATED SITES IN EACH STATE ARE SAMPLED EVERY YEAR. AT THE TIME OF HARVEST, SOIL AND CROP SAMPLES ARE COLLECTED AT EACH SITE. DATA ON THE CROP AND THE KINDS AND AMOUNTS OF PESTICIDES APPLIED TO THE SITE THAT SEASON ARE ALSO COLLECTED.

NATIONAL OCEAN MONITORING PROGRAM: THE OBJECTIVE OF THIS PILOT PROGRAM WAS TO IDENTIFY PERSISTENT, SYNTHETIC RESIDUES IN COMMERCIAL FISH SPECIES AND THOSE INTERMEDIATE IN THEIR FOOD CHAIN. THIS COOPERATIVE PROGRAM WITH NOAA COMMENCED IN 1974 AND COLLECTIONS WERE MADE IN THE OFFSHORE FISHING GROUNDS OF THE AMERICAN FLEET IN THE ATLANTIC, CARIBBEAN AND PACIFIC AREAS. NOAA COLLECTS THE FISH SAMPLES UTILIZING THE SCHEDULED RESOURCE SURVEY CRUISES OF THE NATIONAL MARINE FISHERIES SERVICE. THE RESULTS OF THE FIRST YEAR WILL BE CAREFULLY REVIEWED AND REPORTED ON PRIOR TO COMMITTING RESOURCES FOR A SECOND YEAR.

ANALYTICAL SUPPORT: ANALYTICAL SUPPORT FOR ALL OF THE ABOVE PROGRAMS IS SUPPLIED BY THE PESTICIDE MONITORING LABORATORY, AT BAY ST. LOUIS, MISSISSIPPI. THIS LABORATORY IS PART OF THE TSD ECOLOGICAL MONITORING BRANCH.

NATIONAL HUMAN MONITORING PROGRAM: THIS PROGRAM WAS ESTABLISHED IN 1967 TO DETERMINE ON A NATIONAL SCALE THE INCIDENCES, LEVELS, AND OTHER EVIDENCES OF EXPOSURE TO PESTICIDES IN THE GENERAL POPULATION OF THE UNITED STATES. THE MAJOR OPERATIONAL ELEMENT OF THE PROGRAM COLLECTS ADIPOSE TISSUE AND ANALYZES IT FOR SOME 17 ORGANOCHLORINE PESTICIDES AND POLYCHLORINATED BIPHENYLS. PATHOLOGISTS ARE RECRUITED ACCORDING TO AN EXPERIMENTAL DESIGN TO TAKE ADIPOSE TISSUE SAMPLES FROM POST-MORTEM EXAMINATIONS AND FROM SURGICAL SPECIMENS PREVIOUSLY SUBMITTED FOR PATHOLOGICAL EXAMINATION. SAMPLES ARE FROZEN AND SHIPPED UNDER DRY ICE TO TWO CONTRACT LABORATORIES FOR RESIDUE ANALYSIS.

NATIONAL FOOD AND FEED MONITORING PROGRAMS: THESE PROGRAMS ARE MAINTAINED BY THE U.S. DEPARTMENT OF AGRICULTURE AND THE DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE. PROGRAMS CURRENTLY BEING CONDUCTED INCLUDE: 1) A CONTINUING MARKET BASKET STUDY TO DETERMINE RESIDUES IN THE BASIC TWO-WEEK DIET OF A 16-19-YEAR-OLD MALE (STATISTICALLY THE NATIONS LARGEST EATER, 2) NATIONWIDE SURVEILLANCE OF UNPROCESSED FOOD AND FEED, AND 3) THE SURVEILLANCE PROGRAM FOR RED MEAT AND POULTRY SAMPLES TAKEN FROM ANIMALS IN SLAUGHTER.

PESTICIDE MONITORING IN WILDLIFE: THE BUREAU OF SPORT FISHERIES AND WILDLIFE, U.S. DEPARTMENT OF INTERIOR, IS RESPONSIBLE FOR EXECUTION OF THESE PROGRAMS. SPECIES SELECTED FOR MONITORING INCLUDE THE STARLING, MALLARD AND BLACK DUCKS, AND THE BALD EAGLE. STARLINGS, THE REPRESENTATIVE NON-MIGRATORY SPECIES, ARE COLLECTED FROM 128 SITES ACROSS THE COUNTRY IN ALTERNATE YEARS. DUCK WINGS, FROM MALLARD AND BLACK DUCKS, ARE AVAILABLE FOR MONITORING PURPOSES AS A BYPRODUCT OF A NATIONWIDE WATERFOWL PRODUCTIVITY SURVEY IN WHICH COOPERATIVE HUNTERS MAIL THOUSANDS OF WINGS TO CENTRAL COLLECTION POINTS FOR BIOLOGICAL EXAMINATION. THE BALD EAGLE IS INCLUDED IN THIS NATIONAL PROGRAM BECAUSE OF ITS UNIQUE POSITION AT THE TOP OF ESTUARINE FOOD CHAINS. SINCE THIS SPECIES IS RIGIDLY PROTECTED BY LAW AND THE POPULATION LEVELS ARE LOW, THE ONLY BIRDS UTILIZED FOR ANALYSIS ARE THOSE FOUND DEAD OR INCAPACITATED AND BEYOND RECOVERY.

NATIONAL FISH MONITORING PROGRAM: THE BUREAU OF SPORT FISHERIES AND WILDLIFE ALSO MONITORS FRESHWATER FISH AT 100 LOCATIONS IN THE CONTINENTAL U.S. EACH YEAR COMPOSITE SAMPLES OF EACH OF THREE SPECIES OF FISH ARE COLLECTED AT EACH LOCATION.

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THE FOLLOWING PORTION OF THE DIRECTORY IS DIVIDED INTO TWO SECTIONS:

THE FIRST SECTION LISTS THE NAMES AND ADDRESSES OF STATE ADMINISTRATORS RESPONSIBLE FOR RESPONDING TO INQUIRIES ABOUT PESTICIDE MONITORING ACTIVITIES AS WELL AS A BRIEF DESCRIPTION OF SUCH ACTIVITIES BEING UNDERTAKEN IN THEIR RESPECTIVE STATES.

THE SECOND SECTION PROVIDES A MORE DETAILED DESCRIPTION OF INDIVIDUAL PESTICIDE MONITORING PROGRAMS AND THEIR DIRECTORS IN EACH STATE.

ALL SOURCES OF DATA AND INFORMATION ON PESTICIDE MONITORING PROGRAMS DESCRIBED IN THE FOLLOWING SECTIONS WERE PROVIDED BY THE EPA DIRECTORY OF STATE AGENCIES ENGAGED IN ENVIRONMENTAL MONITORING, DATED DECEMBER 1973. INFORMATION ON THESE SOURCES WAS UPDATED AND ENLARGED THROUGH CONVERSATIONS WITH PERSONNEL REFERENCED IN THE DIRECTORY.

**********ALABAMA

REX RICHBURG, DIRECTOR
PESTICIDE RESIDUE LABORATORY
DEPT. OF AGRICULTURE AND INDUSTRIES
PO BOX 370
AUBURN AL 36830

PHONE: 205 821-2301
FTS: 205 263-7521

REMARKS:

PERFORMS STATE-WIDE, RANDOM AND ROUTINE FIELD WORK IN TERMS OF TAKING SAMPLES OF ALL RAW AGRICULTURAL COMMODITIES AND CHECKING FOR PESTICIDE RESIDUES. COOPERATES WITH STATE DEPARTMENT OF CONSERVATION BY ANALYZING RESIDUES IN ANY TYPE OF ACCIDENTS CONCERNING PESTICIDES, SUCH AS FISH AND WILDLIFE KILLS. WE ALSO COOPERATE WITH OTHER STATE AGENCIES SUCH AS ALABAMA WATER IMPROVEMENT COMMISSION, ALABAMA DEPARTMENT OF PUBLIC HEALTH, AND AUBURN UNIVERSITY IN AREAS WHERE PESTICIDES AND/OR OTHER RESIDUES MAY BE INVOLVED.

**********ALASKA

RICHARD A. STOKES, SUPERVISOR
PESTICIDE PROGRAM
DEPT. OF ENVIRONMENTAL CONSERVATION
POUCH 0
JUNEAU, AK 99811

PHONE: 907 586-6721
FTS: 206 442-0150

REMARKS:

THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION WOULD BE THE PROPER STATE AGENCY FOR PESTICIDE MONITORING. AT PRESENT NO MONITORING PROGRAMS ARE ESTABLISHED.

**********ARIZONA

JOHN BECK, CHIEF
BUR. OF SANITATION
DEPT. OF HEALTH SERVICES
1740 W. ADAMS ST.
PHOENIX, AZ 85007

PHONE: 602 271-4641
FTS:

REMARKS:

PERFORMS MONITORING OF PESTICIDE LEVELS IN FOOD PRODUCTS.

NED RATHBUN, WATER QUALITY ANALYST
FISHERIES DIV.
DEPT. OF GAME AND FISH
2222 W. GREENWAY RD.
PHOENIX, AZ 85023

PHONE: 602 942-3000
FTS: 602 261-3900

REMARKS:

HAS DONE SOME MONITORING OF PESTICIDES IN WATER IN CONJUNCTION WITH FEDERAL AGENCIES SUCH AS ENVIRONMENTAL PROTECTION AGENCY AND BUREAU OF SPORT FISHERIES AND WILDLIFE. HOWEVER, MOST WORK INVOLVES OTHER POLLUTANTS SUCH AS HEAVY METALS.

**********ARKANSAS

PHILLIP L. PETERS, PESTICIDE PROJECT OFFICER, BUR ENVIRON HEALTH SERVICES
ARKANSAS DEPARTMENT OF HEALTH
4815 W. MARKHAM ST.
LITTLE ROCK, AR 72201

PHONE: 501 661-2000
FTS: 501 378-5011

REMARKS:

PERFORMS MONITORING FOR PESTICIDES IN AIR, WATER, MEAT AND MILK. ALSO DOES MONITORING OF PEOPLE, SUCH AS THOSE WHO LOAD PLANES FOR AERIAL SPRAYING.

**********CALIFORNIA

CECIL MARTIN, CHIEF
MONITORING AND SURVEILLANCE UNIT
STATE WATER RESOURCES CONTROL BOARD
1416 NINTH ST.
SACRAMENTO, CA 95814

PHONE: 916 445-0975
FTS:

REMARKS:

HAS DONE PESTICIDE STUDIES IN PAST, BEGINNING WITH FY 1976-77, WILL INITIATE MONITORING FOR PESTICIDES IN BOTTOM SEDIMENTS, ACCORDING TO EPA REGULATIONS, THIS ACTIVITY WILL INDICATE AREAS OF PESTICIDE BUILDUP WHERE FURTHER STUDIES WILL BE NEEDED. WATER COLUMN SAMPLING WILL PROBABLY BEGIN IN FY 1976-77 AT APPROPRIATE AREAS IN THE STATE WITH HIGH PESTICIDE USE OR SPECIFIC WATER QUALITY PROBLEMS RELATED TO PESTICIDES.

GEORGE ROOT, PROGRAM SUPERVISOR
PESTICIDE SEC., INSPECTION SERVICES
DEPT. OF FOOD AND AGRICULTURE
1220 N ST.
SACRAMENTO, CA 95814

PHONE: 916 322-2244
FTS: 916 449-2000

REMARKS:

ALONG WITH THREE OTHER LABORATORIES IN THE STATE, PERFORMS DAILY SCREENING OF RAW AGRICULTURAL PRODUCTS. BEYOND THIS, INVESTIGATES ISOLATED PROBLEMS, INCIDENTS CAUSED BY PESTICIDES, SUCH AS SPRAY DRIFT OR FISH AND WILDLIFE KILLS.

**********COLORADO

DENNIS M. BURCHETT, SUPERVISOR
PESTICIDES SEC., PLANT INDUSTRY DIV.
DEPT. OF AGRICULTURE
1525 SHERMAN ST.
DENVER, CO 80203

PHONE: 303 892-2838
FTS: 303 837-0111

REMARKS:

MONITOR WATER SOURCES ONCE PER YEAR FOR PESTICIDES. BEYOND THIS, ONLY INVESTIGATE ACCIDENTS WHEN COMMERCIAL APPLICATORS INVOLVED.

LAWRENCE MOUNCE, ADMINISTRATIVE ASST
EPIDEMIOLOGIC PESTICIDE STUDIES CTR.
DEPT. OF MICROBIOLOGY, SPRUCE HALL
COLORADO STATE UNIVERSITY
FORT COLLINS, CO 80523

PHONE: 303 491-7038
FTS: 303 837-0111

REMARKS:

IN CONJUNCTION WITH THE EPA COMMUNITY PESTICIDES PROGRAM (NOW EPIDEMIOLOGICAL STUDIES BRANCH), HAS DONE MONITORING FOR PESTICIDES IN AIR, HOUSE DUST, RESERVOIR WATER, SOIL, AND HUMAN TISSUES.

**********CONNECTICUT

ROY B. ANDERSON, PRINC. SANITARY ENG
WATER COMPLIANCE UNIT
DEPT. OF ENVIRONMENTAL PROTECTION
ROOM 126, STATE OFFICE BLDG.
HARTFORD, CT. 06115

PHONE: 203 566-2588
FTS: -

REMARKS:

STARTING JULY 1, 1974, INITIATED TREND MONITORING PROGRAM FOR PESTICIDES IN YEARLY SEDIMENT SAMPLES. PROGRAM IS BEING DEVELOPED IN COOPERATION WITH STEVEN W. MITCHCOCK, ASSISTANT DIRECTOR OF PESTICIDE COMPLIANCE UNIT OF THE STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION. LATTER IS LOCATED IN ROOM 63A AT THE SAME ADDRESS AND HOPES TO INITIATE MORE COMPREHENSIVE MONITORING PROGRAM IN APPROXIMATELY A YEAR AND A HALF FOR THE STATE. MITCHCOCK HAS OVERALL LEGAL RESPONSIBILITY FOR ENVIRONMENTAL MONITORING OF PESTICIDES.

**********DELAWARE

A. WARREN WHEATLEY, MANAGER
MOSQUITO CONTROL SEC.
DEPT. OF NATURAL RESOURCES
BOX 224
MILFORD, DE 19963

PHONE: 302 678-4492
FTS: 302 571-6011

REMARKS:

IS COOPERATING WITH EPA IN MONITORING MOSQUITO SPRAYING THIS SUMMER. CHECKS CONSTANTLY AFTER ANY ENVIRONMENTAL CONSTITUENTS AFFECTED BY SPRAYING THROUGHOUT THE SUMMER; INSPECTIONS ARE MADE DAILY.

HARRY OTTO, MANAGER
TECHNICAL SERVICES SEC.
DEPT. OF NATURAL RESOURCES
150 E. WATER ST.
DOVER, DE 19901

PHONE: 302 678-4771
FTS: "

REMARKS:

SAMPLES WATER FROM DELAWARE RIVER QUARTERLY, TAKING ABOUT 34 SAMPLES ANNUALLY. HAS MONITORED OFF-SHORE OCEAN WATERS, INCLUDING FISH, OTHER AQUATIC ORGANISMS, AND SEDIMENTS. MONITORING PROGRAM OF THE STREAMS IN THE STATE WILL BE INCREASED SUBSTANTIALLY IN THE NEAR FUTURE.

**********DISTRICT OF COLUMBIA

ARNOLD K. CLARK, PROGRAM DIRECTOR
ENVIRONMENTAL HEALTH ADMINISTRATION
DEPT. OF ENVIRONMENTAL SERVICES
ROOM 711, 801 N. CAPITOL ST. N.E.
WASHINGTON NE, DC 20002

PHONE: 202 629-3014
FTS: "

REMARKS:

HAS MADE BUDGETARY PROVISIONS FOR COMING FISCAL YEAR FOR MONITORING OF PESTICIDE RESIDUE LEVELS, BOTH INDOOR AND OUTDOOR. IS CONCERNED MAINLY WITH HOUSEHOLDS. SINCE THE DISTRICT IS NOT A RURAL AREA.

**********FLORIDA

PAUL PARKS, CHIEF CHEMIST
ENVIRONMENTAL PROGRAMS, PLANNING DIV
DEPT. OF POLLUTION CONTROL
2562 EXECUTIVE CENTER CIRCLE EAST
TALLAHASSEE, FL 32301

PHONE: 904 488-6221
FTS: 904 791-2011

REMARKS:

HAS 100 STATIONS THROUGHOUT THE STATE COMPRISING A PERMANENT NETWORK TO SCAN PESTICIDE RESIDUES IN SEDIMENTS AND FISH ON ANNUAL BASIS. PLAN TO BEGIN MONITORING IN CONNECTION WITH INSPECTIONS OF SITES OF PESTICIDE FORMULATION. BEYOND THIS, INVESTIGATES FISH KILLS, SPILLS OR OTHER ACCIDENTS INVOLVING PESTICIDE MISUSE.

STEPHEN A. NESBITT, BIOLOGIST 1
GAME RESEARCH OFFICE
FISH AND GAME COMMISSION
4005 S. MAIN ST.
GAINSVILLE, FL 32601

PHONE: 904 376-6481
FTS: 904 791-2011

REMARKS:

IS INVOLVED IN 2 MAJOR PESTICIDE MONITORING STUDIES, ONE OF WHICH CONCERNS BROWN PELICANS AROUND THE FLORIDA COAST AND HAS BEEN GOING ON SINCE THE LATE 1960'S. SAMPLES ARE TAKEN ONCE A YEAR, DURING THE NESTING SEASON. SECOND STUDY INVOLVES MONITORING MIREX BAIT DISTRIBUTED FOR THE CONTROL OF FIRE ANTS. OUR INVOLVEMENT IN THE MIREX STUDY IS THE PROCUREMENT OF SPECIMENS. THIS STUDY HAS, IN FACT, BEEN COMPLETED.
ALSO INVESTIGATES ON EMERGENCY BASIS, IN THE EVENT OF WILDLIFE KILLS, ETC.

DOYLE C. GOLDEN, CHIEF
PESTICIDE RESIDUE LABORATORY
DEPT. OF AGRICULTURE
MAYO BLDG.
TALLAHASSEE, FL 32304

PHONE: 904 877-6161
FTS: 904 791-2011

REMARKS:

PRIMARY RESPONSIBILITY IS IN MONITORING OF PESTICIDE RESIDUE LEVELS IN FOOD, INCLUDING FISH AND SHELLFISH. ALSO INVESTIGATES ON EMERGENCY OR PROBLEM BASIS. IN CASES OF PESTICIDE MISUSE AND ENVIRONMENTAL DAMAGE.

**********GEORGIA

JAMES R. CONLEY, DIRECTOR
PESTICIDE DIV.
DEPT. OF AGRICULTURE
19 HUNTER ST., SW
ATLANTA, GA 30334

PHONE: 404 656-4958
FTS: 404 526-0111

REMARKS:

DOES SOME FOOD AND ENVIRONMENTAL MONITORING FOR PESTICIDES. ALSO INVESTIGATES PROBLEMS IN FIELD. RELATING TO PESTICIDE APPLICATION.

HARRY JOHNSON, STATE CHEMIST
LABORATORIES DIV.
DEPT. OF AGRICULTURE
CAPITOL SQUARE
ATLANTA, GA 30334

PHONE: 404 656-3647
FTS: 404 526-0111

REMARKS:

DOES SURVEILLANCE OF RAW AGRICULTURAL PRODUCTS, ESPECIALLY LEAFY VEGETABLES AND INCLUDING MILK. ALSO MONITORS ANIMAL FEED, POND WATER, AND OTHER MISCELLANEOUS MEDIA. THESE ACTIVITIES ARE PRIMARILY FOR REGULATORY PURPOSES.

**********HAWAII

STEVENSON CHING, CHIEF
COMMODITIES BR., ECONOMIC POISON SEC
MARKETING & CONSUMER SERVICES DIV.
PO BOX 5425, PAWAA STATION
HONOLULU, HI 96814

PHONE: AOR 941-3071
FTS: 415 556-0220

REMARKS:

THIS INFORMATION IS UNCONFIRMED AS A PROPER CONTACT FOR PESTICIDES MONITORING IN HAWAII.

**********IDAHO

W. W. BENSON, PROJECT DIRECTOR
COMMUNITY PESTICIDES PROGRAM
DEPT. OF HEALTH AND WELFARE
STATE HOUSE
BOISE, ID 83720

PHONE: 208 964-2390
FTS: -

REMARKS:

RUNS ONE OF 12 COMMUNITY STUDIES SPONSORED BY EPA THROUGHOUT THE COUNTRY, MONITORS PESTICIDES IN ALL MEDIA, IN RELATION TO HUMAN HEALTH.

**********ILLINOIS

MICHAEL MAUZY, MANAGER
ENVIRONMENTAL PROGRAMS
ILL. ENVIRONMENTAL PROTECTION AGENCY
2200 CHURCHILL RD.
SPRINGFIELD, IL 62706

PHONE: 217 782-5620
FTS: 217 525-4200

REMARKS:

MONITORS PESTICIDES IN TERMS OF GENERAL, OVERALL WATER QUALITY PROGRAM SAMPLES WATER, BOTTOM SEDIMENTS AND FISH IN LAKE MICHIGAN AND ITS TRIBUTARIES. ALSO DOES FISH SAMPLING THROUGHOUT STATE.

BURDON RANDOLPH, ASSOCIATE DIRECTOR
OFFICE OF CONSUMER HEALTH PROTECTION
DEPT. OF PUBLIC HEALTH
535 W. JEFFERSON ST.
SPRINGFIELD, IL 62761

PHONE: 217 782-6500
FTS: 217 525-4200

REMARKS:

MONITORS MILK SUPPLIES, FEED AND MEAT FOR PESTICIDES. ALSO INVESTIGATES ACCIDENTAL POISONING IN CHILDREN.

GEORGE SPRUGEL, CHIEF
STATE NATURAL HISTORY SURVEY
NATURAL RESOURCES BLDG.
URBANA IL 61801

PHONE: 217 333-6830
FTS: 217 525-4200

REMARKS:

MONITORS PESTICIDES IN MILK, MEAT, SOYBEANS, SOIL, WATER, TERRESTRIAL, AND AQUATIC LIFE. MILK AND MEAT MONITORING DONE IN CONJUNCTION WITH STATE DEPT. OF PUBLIC HEALTH.

******** *INDIANA

FRANK FISHER, DIRECTOR
BUR. OF FOOD AND DRUGS
STATE BOARD OF HEALTH
1330 W. MICHIGAN ST.
INDIANAPOLIS, IN 46206

PHONE: 317 633-4708
FTS: -

REMARKS:

PERIODICALLY MONITORS PESTICIDES IN FRUITS, VEGETABLES AND MILK.

JOHN WINTERS, CHIEF
WATER QUALITY SURVEILLANCE
STATE BOARD OF HEALTH
1330 W. MICHIGAN ST.
INDIANAPOLIS, IN 46206

PHONE: 317 633-5369
FTS: -

REMARKS:

HAS STOPPED 3-YEAR PROGRAM OF MONITORING WATER, AQUATIC INVERTEBRATES, AND BOTTOM SEDIMENTS IN LAKE MICHIGAN TRIBUTARIES BECAUSE WAS NOT ABLE TO FIND SIGNIFICANT PROBLEMS. OCCASIONALLY MONITORS FISH IN LAKE MICHIGAN. FEELS NEED TO EXPAND IN OTHER AREAS OF THE STATE.

********** IOWA

MYRON R. VANCLEAVE, DIRECTOR
PESTICIDE SEC., STATE CHEMICAL LAB.
DEPT. OF AGRICULTURE
E. SEVENTH AND COURT
DES MOINES, IA 50319

PHONE: 515 281-5861
FTS: -

REMARKS:

MONITORS FOODS, ESPECIALLY DAIRY PRODUCTS, MEAT, VEGETABLES, AND FEED INGREDIENTS. BEYOND THIS, INVESTIGATES PROBLEMS ON A CASE BASIS, WHICH INVOLVE CROP RESIDUES AND THE USE AND MISUSE OF PESTICIDES.

FRED PRIEWERT, DIRECTOR
IOWA CONSERVATION COMMISSION

PHONE: 515 281-5384
FTS: -

300 FOURTH ST.
DES MOINES, IA 50319

REMARKS:

HAS DONE SOME ENVIRONMENTAL MONITORING; SPECIFICALLY, FOR DIELDRIN IN FISH AND PHEASANTS.

DAVID MICK, DIRECTOR
CHEMICAL TECHNOLOGY DIV.
DEPT. OF ENVIRONMENTAL QUALITY
3920 DELAWARE AVE., PO BOX 3326
DES MOINES, IA 50316

PHONE: 515 265-8134
FTS: -

REMARKS:

USES FACILITIES OF STATE AGRICULTURE AND HYGENIC LABORATORIES FOR MONITORING PURPOSES. IS TRYING TO BECOME MORE INVOLVED IN MONITORING ACTIVITIES; ALTHOUGH DOES CURRENTLY MONITOR FARM RUNOFF. ALSO WORKS WITH IOWA STATE UNIVERSITY IN INVESTIGATING INCIDENTS OF PESTICIDE-RELATED ENVIRONMENTAL DAMAGE.

**********KANSAS

ROGER OZIAS
ENVIRONMENTAL PESTICIDE SPECIALIST
DEPT. OF HEALTH
BLDG. 740, FORBES AIR BASE
TOPEKA, KS 66620

PHONE: 913 296-3821
FTS: -

REMARKS:

IN CONJUNCTION WITH EPA, HAS BEEN INVOLVED IN MONITORING FOR PESTICIDE IN AIR AROUND TOPEKA. ALTHOUGH THIS WORK HAS BEEN RECENTLY SUSPENDED, THERE IS A GOOD POSSIBILITY THAT IT WILL BE RESUMED IN THE FUTURE.

**********KENTUCKY

E. ROSEL MOORE, MANAGER
PESTICIDES + CONSUMER PRODUCT SFTY
DEPT FOR HUMAN RESOURCES
275 E. MAIN ST.
FRANKFORT, KY 40601

PHONE: -
FTS: -

REMARKS:

SINCE 1966: THIS AGENCY HAS MAINTAINED STATE-WIDE COMPREHENSIVE SURVEILLANCE OF INTRASTATE COMMERCIALLY PRODUCED RAW AGRICULTURE PRODUCTS FOR COMPLIANCE OF PERMISSIBLE PESTICIDE RESIDUES. SPECIAL STUDIES HAVE BEEN DISCONTINUED THAT INVOLVED ENVIRONMENTAL MONITORING OF PESTICIDES IN AMBIENT AIR IN DESIGNATED LOCALES OF THE STATE DURING 1969-72 AND PESTICIDE RESIDUES IN THE STATE'S MAJOR WATER SHEDS (SURFACE WATER ONLY AND LIMITED TO THOSE ORIGINATING WITHIN STATE BOUNDARIES) DURING 1970-72.

THOMAS REED, DIRECTOR
SPECIAL PROGRAMS DIV.
DEPT. OF NAT'L RESOURCES, ENV'L PROT.
NEW CAPITOL PLAZA BLDG.: FIFTH FL.
FRANKFORT, KY 40601

PHONE: 502 564-7274
FTS: -

REMARKS:

AS OF JUNE 22, 1974, WILL TAKE OVER ALL PESTICIDE PROGRAMS IN THE STATE. CURRENTLY MONITORS STREAM RUNOFF, AIR AND MILK FOR PESTICIDE CONTENT. MONITORING OF MANUFACTURED PESTICIDES TO DETERMINE IF THE CONTENTS ARE SAME AS STATED ON LABEL.

**********LOUSIANA

ERNEST A. EPPS, JR., STATE CHEMIST
FEED & FERTILIZER LABORATORIES
LOUISIANA STATE UNIVERSITY
PO BOX 16390-A
BATON ROUGE, LA 70803

PHONE: 504 389-5575
FTS: -

REMARKS:

IS MAINLY A PESTICIDE REGULATORY AGENCY, BUT ALSO DOES SOME ENVIRONMENTAL MONITORING, AS OF FISH, WILDLIFE, WATER, MEAT AND ANIMAL FEED. THIS PROGRAM HAS BEEN IN OPERATION FOR A DECADE.

**********MAINE

CLAYTON DAVIS, DIRECTOR
DIV. OF INSPECTION
DEPT. OF AGRICULTURE
STATE OFFICE BLDG.
AUGUSTA, ME 04330

PHONE: 207 289-3841
FTS: 207 622-6171

REMARKS:

PERFORMS MONITORING OF PESTICIDES IN FEEDS ONLY.

STUART DEROCHE, REGIONAL BIOLOGIST
AND PROJECT DIRECTOR
FISH AND GAME DEPT.
19A MAIN ST.
GORHAM, ME 04038

PHONE: 207 839-4696
FTS: 207 775-3131

REMARKS:

PERFORMS MONITORING OF PESTICIDES IN SALMON IN SEBAGO LAKE.

**********MARYLAND

DAVID CLARKE, STATE CHEMIST
INSPECTION AND REGULATION DIV.
DEPT. OF AGRICULTURE
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD 20742

PHONE: 301 454-2721
FTS: -

REMARKS:

PERFORMS MAINLY REGULATORY DUTIES SUCH AS CHECKING LABELLING AND GUARANTEES ON FORMULATIONS SOLD, BUT ALSO MONITORS PESTICIDE RESIDUES IN MEAT, VEGETATION, SOIL AND PUBLIC WATER SUPPLIES.

**********MASSACHUSETTS

LEWIS F. WELLS
PESTICIDE PROGRAM SUPERVISOR
DEPT. OF PUBLIC HEALTH
ROOM 222, 600 WASHINGTON ST.
BOSTON, MA 02111

PHONE: 617 727-2863
FTS: 617 223-2100

REMARKS:

ONLY ROUTINE MONITORING PROGRAM INVOLVES CHLORINATED HYDROCARBONS IN FISH, AND IS CARRIED OUT THROUGH COLTON BRIDGES IN FISHERIES AND GAME. SCANTY, ESTUARY STUDIES HAVE BEEN CONDUCTED THROUGH THE DIV. OF MARINE FISHERIES. BEYOND THIS, SPECIAL PROGRAMS RUN ONLY OCCASIONALLY, IN ORDER TO EXAMINE SINGLE-APPLICATION INCIDENCES, SUCH AS THE SPRAYING FOR GYPSY MOTH ON CAPE COD.

**********MICHIGAN

RONALD LEACH, CHIEF
FOOD INSPECTION DIV.
DEPT. OF AGRICULTURE
LEWIS CASS BLDG.
LANSING, MI 48913

PHONE: 517 373-1060
FTS: -

REMARKS:

PERFORMS YEAR-ROUND MONITORING OF ALL FRESH PRODUCE, INCLUDING MILK AND MEAT, ALTHOUGH LATTER IS ON A LESS REGULAR BASIS.

ROBERT COURCHAINE, CHIEF ENGINEER
WATER QUALITY CONTROL DIV.
DEPT. OF NATURAL RESOURCES
STEVENS T. MASON BLDG.
LANSING, MI 48926

PHONE: 517 373-1947
FTS: -

REMARKS:

IN CONJUNCTION WITH THE DEPT.'S OF PUBLIC HEALTH AND AGRICULTURE ON THE STATE LEVEL, AND THE FDA'S REGIONAL OFFICE AND THE FISH AND WILDLIFE SERVICE IN ANN ARBOR ON THE FEDERAL LEVEL, CARRIES OUT ANNUAL SURVEY OF DIELDRIN AND DDT IN GREAT LAKES FISH. THIS PROGRAM, KNOWN AS GLECS, OR THE GREAT LAKES ENVIRONMENTAL CONTAMINANTS SURVEY, ALSO ANNUALLY SAMPLES GREAT LAKES TRIBUTARIES FOR DIELDRIN AND DDT, IN ADDITION TO OTHER PESTICIDES. SINCE 1968, HAS BEEN MONITORING DIELDRIN AND CHLORDANE ON YEARLY BASIS IN BERRIEN COUNTY, WHERE CONTROLLED PESTICIDE TREATMENTS FOR JAPANESE BEETLES HAVE BEEN CONDUCTED.

**********MINNESOTA

ROLLIN DENNISTOUN, ADMINISTRATOR
DEPT. OF AGRICULTURE
STATE OFFICE BLDG.
ST. PAUL, MN 55155

PHONE: 612 296-2856
FTS: 612 725-4242

REMARKS:

PERFORMS ONGOING SURVEILLANCE FOR PESTICIDES IN FOOD AND FEEDSTUFFS. OCCASIONALLY CARRIES OUT SOIL SAMPLING FOR SPECIFIC SUBSTANCES, NOT FOR ALL POSSIBLE PESTICIDES. IN CONJUCTION WITH THE STATE HEALTH DEPARTMENT, CHECKS PESTICIDE LEVELS IN WELL WATER.

OLIVER JARVENPA, CHIEF

PHONE: 612 296-2835

ENVIRONMENT SEC.: FISH + WILDLIFE DV
DEPT. OF NATURAL RESOURCES
390 CENTENNIAL BLDG.
ST. PAUL, MN 55155

FTS: 612 725-4242

REMARKS:

ROUTINELY MONITORS PESTICIDE LEVELS IN FISH, BEYOND THIS, PERFORMS ANALYSES OF OTHER WILDLIFE ON SPORADIC BASIS.

JOHN MCGUIRE, CHIEF
SURFACE + GROUNDWATER SEC.
STATE POLLUTION CONTROL AGENCY
1935 W. COUNTY RD, B2
ROSEVILLE, MN 55113

PHONE: 612 296-7242
FTS: 612 725-4242

REMARKS:

PERFORMS, SEMIANNUALLY, STATE-WIDE MONITORING OF WATER FOR PESTICIDES.

**********MISSISSIPPI

BARRY FREEMAN, CHIEF
FISHERIES DIV.
GAME AND FISH COMMISSION
PO BOX 451
JACKSON, MS 39205

PHONE: 601 354-7311
FTS: 601 969-4211

REMARKS:

CONTINUALLY MONITORS LAKES AND FISH IN STATE, ESPECIALLY IN DELTA AREA HAS CLOSED 3 LAKES ON BASIS OF RESULTS OBTAINED THEREFROM, MONITORING OF GAME CARRIED OUT ALSO, ALL PESTICIDE MONITORING IN STATE DONE THROUGH THIS AGENCY, OR BY THE FEDERAL GOVERNMENT.

C.M. ULTSCHEY, DIRECTOR
IMPORTED FIRE ANT CONTROL DIV.
DEPT. OF AGRICULTURE
PO BOX 1609
JACKSON, MS 39205

PHONE: 601 354-6552
FTS: 601 969-4211

REMARKS:

MONITORS AIR, WATER, SOIL AND LIVING ORGANISMS FOR PESTICIDES USED IN FIRE ANT CONTROL.

**********MISSOURI

MR. E.C. MOUSER, SUPERVISOR
BUREAU OF PESTICIDE CONTROL
PLANT INDUSTRY DIV. DEPT OF AGRIC
PO BOX 630
JEFFERSON CITY, MO 65101

PHONE: 314 751-2462
FTS: 816 374-7000

REMARKS:

MONITORS PESTICIDES ONLY IN CONJUNCTION WITH COOPERATIVE WORK WITH THE USDA, CONCERNING RESIDUES IN SOILS AND CROPS. NO MONITORING IS BEING DONE AT THIS TIME, AND NONE WILL BE DONE IN THE FUTURE UNLESS REQUESTED BY USDA.

**********MONTANA

KIT WALTHER, PROJECT COORDINATOR
PESTICIDES DEMONSTRATION PROGRAM
HEALTH & ENVIRONMENTAL SCI.,S DEPT.
1424 NINTH AVE.
HELENA, MT 59601

PHONE: 406 449-2821
FTS:

REMARKS:

IN CONJUNCTION WITH EPA, MONITORS FOOD, CROPS AND WATER DURING AND AFTER SPRAYING, WHEN HIGH PESTICIDE LEVELS SUSPECTED. SUCH ACTIVITY USUALLY UNDERTAKEN NOT ROUTINELY, BUT IN RESPONSE TO COMPLAINTS OR SINGLE-APPLICATION INCIDENCES. ROUTINE AIR MONITORING CARRIED OUT BETWEEN 1969 AND 1972 HAS BEEN STOPPED, BUT MAY BE RESUMED IN CONNECTION WITH CHEMICALS DISPOSAL SITE. MOST MONITORING IN STATE DONE THROUGH FEDERAL GOVERNMENT--SPECIFICALLY, EPA OR THE GEOLOGICAL SURVEY.

**********NEBRASKA

JERRY BELL, SUPERVISOR
PLANT PROTECTION DIV., USDA
213 PLANT INDUSTRY BLDG.
EAST CAMPUS
LINCOLN, NB 68503

PHONE: 402 475-2295
FTS: 402 475-2611

REMARKS:

RUNS JOINT USDA-EPA PROGRAM IN NEBRASKA AND KANSAS. ALL ENVIRONMENTAL

MONITORING FOR PESTICIDES IN NEBRASKA DONE AT THE FEDERAL LEVEL; NONE IS BEING CARRIED OUT THROUGH STATE AGENCIES.

**********NEVADA

HARRY G. SMITH, PESTICIDE SPECIALIST
COOPERATIVE EXTENSION SERVICE
COLLEGE OF AGRICULTURE
UNIVERSITY OF NEVADA
RENO, NV 89507

PHONE: 702 784-6911
FTS: 702 784-5911

REMARKS:

MONITORS AIR, WATER, SOIL, VEGETATION, WILDLIFE, ETC. AROUND 4 PESTICIDE DISPOSAL SITES. ALTHOUGH EXTENSION SERVICE IS NOT STRICTLY SPEAKING A STATE AGENCY, IT CARRIES OUT THE ONLY SUCH MONITORING NOW TAKING PLACE IN THE STATE.

**********NEW HAMPSHIRE

FRANCIS HOUGHTON, STATE PESTICIDES
SURVEILLANCE SCIENTIST
STATE LABORATORY BLDG.
HAZEN DRIVE
CONCORD, NH 03301

PHONE: 603 271-3445
FTS: 603 669-7011

REMARKS:

CURRENTLY SAMPLES ALL TYPES OF ENVIRONMENTAL MEDIA FOR PESTICIDES, BUT ONLY IN RESPONSE TO ISOLATED COMPLAINTS OR INCIDENTS. WOULD LIKE TO BECOME INVOLVED IN MORE ROUTINE TYPES OF MONITORING, BUT HAMPERED BY LACK OF FUNDS. WOULD BE AWARE OF ANY MONITORING BY OTHER STATE AGENCIES, WERE THIS BEING DONE.

**********NEW JERSEY

FRANK MARSHALL, ADMINISTRATOR
PESTICIDE PROJECT
DEPT. OF HEALTH
PO BOX 1540, JOHN FITCH PLAZA
TRENTON, NJ 08625

PHONE: 609 292-7608
FTS: 609 599-3511

REMARKS:

COMPRISES PART OF COMMUNITY PESTICIDES PROGRAM FUNDED BY EPA. ROUTINE ANALYSIS OF WATER MADE IN THE HEALTH DEPT.'S DIV. OF LABORATORIES AND

EPIDEMIOLOGY. ALTHOUGH THE SAMPLES THEMSELVES ARE ACTUALLY COLLECTED BY DIVISION OF WATER RESOURCES IN THE BUREAU OF WATER POLLUTION CONTROL--THIS IS PART OF THE STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION (PO BOX 2807, TRENTON, NJ 08625). MONITORS FOOD AND MILK ROUTINELY. AIR NO LONGER ROUTINELY MONITORED. BUT CONTINUES TO INVESTIGATE SPECIFIC INCIDENTS OR COMPLAINTS IN THIS AREA. INQUIRIES CONCERNING POSSIBLE MONITORING PROGRAMS IN OTHER STATE AGENCIES SHOULD BE DIRECTED TO MARTIN GOLDFIELD, ASSISTANT COMMISSIONER OF THE HEALTH DEPARTMENT AND DIRECTOR OF THE DIVISION OF LABORATORIES AND EPIDEMIOLOGY.

**********NEW MEXICO

CAROLYN WIENKE, PROGRAM MANAGER
ENVIRONMENTAL CHEMICALS SEC.
ENVIRONMENTAL IMPROVEMENT AGENCY
PO BOX 2348
SANTA FE, NM 87501

PHONE: 505 827-2693
FTS: -

REMARKS:

PERFORMS ENVIRONMENTAL MONITORING FOR PESTICIDES ON SMALL SCALE ONLY. CURRENTLY MONITORS VECTOR CONTROL CREWS. MONITORING OF RAW AGRICULTURAL COMMODITIES NOW BEING ORGANIZED. IS ALSO TRYING TO SET UP TWO AIR MONITORS IN ONE SPECIFIC LOCATION WHERE HERBICIDE PROBLEMS HAVE EXISTED. IN GENERAL, MOST EFFORTS RESTRICTED TO SPECIFIC PROBLEMS SUCH AS TREATMENT OF ACCIDENTAL SPILLS AND DISPOSAL OF ABANDONED PESTICIDES.

**********NEW YORK

CHARLES H. FROMMER, DIRECTOR
PESTICIDES BUR., QUALITY SERVICES DV
DEPT. OF ENVIRONMENTAL CONSERVATION
50 WOLF ROAD
ALBANY, NY 12201

PHONE: 518 457-7482
FTS: -

REMARKS:

GENERALLY PERFORMS MONITORING ON SPOT- CHECK BASIS ONLY. MONITORS PESTICIDES IN WATER ONCE OR TWICE ANNUALLY. AIR MONITORING HAS BEEN ATTEMPTED. BUT CONCLUSION HAS BEEN REACHED, THAT TYPES AND AMOUNTS OF PESTICIDES USED DO NOT LEND THEMSELVES TO EASY DETECTION IN AIR.

ROBERT NEWELL, DIRECTOR
FOOD CONTROL DIV.
DEPT. OF AGRICULTURE AND MARKETS
BLDG. 9, STATE CAMPUS
ALBANY, NY 12226

PHONE: 518 457-5166
FTS: -

REMARKS:

IS INVOLVED IN MONITORING FOOD FOR A VARIETY OF SUBSTANCES WHICH INCLUDE PESTICIDES.

LAURENCE CROWELL, DIRECTOR
MEAT INSPECTION DIV.
DEPT. OF AGRICULTURE AND MARKETS
BLDG. 8, STATE CAMPUS
ALBANY, NY 12226

PHONE: 518 457-5380
FTS: -

REMARKS:

IS INVOLVED IN MONITORING MEAT AND POULTRY FOR A VARIETY OF SUBSTANCES WHICH INCLUDE PESTICIDES.

**********NORTH CAROLINA

WILLIAM V. COBB, STATE CHEMIST
FOOD AND DRUG DIV.
DEPT. OF AGRICULTURE
STATE AGRICULTURE BLDG.
RALEIGH, NC 27611

PHONE: 919 829-7366
FTS: 919 755-4020

REMARKS:

PERFORMS MONITORING FOR PESTICIDES IN CONJUNCTION WITH INSPECTION OF FOOD, FEED AND DAIRY PRODUCTS. AGRICULTURE DEPT.'S LAB IS LOCATED WITHIN THIS DIVISION.

JULIAN R. TAYLOR, CHIEF
STREAM MONITORING & CLASSIFICATION
DEPT OF NATURAL & ECONOMIC RESOURCES
PO BOX 27687
RALEIGH, NC 27611

PHONE: 919 829-4740
FTS: 919 755-4020

REMARKS:

CURRENTLY MONITORS STREAM WATER FOR PESTICIDES. IS PLANNING TO MONITOR WATER, FISH, AND TO EXAMINE BOTTOM SEDIMENTS ANNUALLY.

**********NORTH DAKOTA

NORMAN L. PETERSON, DIRECTOR
WATER SUPPLY & POLLUTION CONTROL DV
DEPT. OF HEALTH
CAPITOL BLDG.
BISMARK, ND 58501

PHONE: 701 224-2366
FTS: 701 285-4011

REMARKS:

IS COORDINATED WITH THE DENVER OFFICE OF THE EPA COMMUNITY PESTICIDES PROGRAM. PERFORMS ROUTINE MONITORING OF PESTICIDES IN STREAMS. IN FUTURE, WILL MONITOR MORE EXTENSIVELY BY INCLUDING FISH, BOTTOM SEDIMENTS, ETC.

**********OHIO

THOMAS J. BIRCH, HEAD
ENVIRONMENTAL EVALUATION SEC.
OHIO ENVIRONMENTAL PROTECTION AGENCY
361 E. BROAD ST.
COLUMBUS, OH 43216

PHONE: 614 466-8313
FTS: -

REMARKS:

MONITORS MAINLY SURFACE WATERS, FISH, BOTTOM AQUATIC LIFE AND BOTTOM SEDIMENTS.

**********OKLAHOMA

JOHN W. GIBSON, SUPERVISOR
ENVIRONMENTAL PROGRAMS
PLANT INDUS. DIV.; AGRICULTURE DEPT.
127 STATE CAPITOL BLDG.
OKLAHOMA CITY, OK 73105

PHONE: 405 521-3883
FTS: 405 231-4011

REMARKS:

SAMPLES GRAIN AND FEED, AS WELL AS SOIL AND SURFACE AND GROUNDWATER IN AGRICULTURAL AREAS; THIS DONE WHEN THERE IS A DEMAND FOR IT, WHEN THE PARTICULAR SEASON WARRANTS IT, OR WHEN THERE IS REASON TO SUSPECT CONTAMINATION. THE AGRICULTURE DEPT.'S LAB PERFORMS ANALYSES NOT ONLY FOR THE DEPT., BUT FOR OTHER STATE AGENCIES ALSO. THE PRESIDENT OF THE BOARD OF AGRICULTURE IS A MEMBER OF POLLUTION CONTROL COORDINATING BOARD THROUGH WHICH BOTH THE STATE DEPT. OF POLLUTION CONTROL AND CERTAIN OTHER STATE AGENCIES WORK IN CONJUNCTION WITH THE DEPT. OF AGRICULTURE ON PESTICIDE MATTERS. THESE PROGRAMS ARE LISTED SEPARATELY UNDER THEIR RESPECTIVE STATE AGENCIES.

THOMAS PEACE, DIRECTOR
DEPT. OF POLLUTION CONTROL
BOX 53504
N.E. TENTH AND STONEWALL
OKLAHOMA CITY, OK 73105

PHONE: 405 271-4677
FTS: 405 231-4011

REMARKS:

IS INDIRECTLY INVOLVED IN MONITORING PESTICIDES IN WATER. STATE DEPT. OF AGRICULTURE DOES ACTUAL SAMPLING, BUT DEPT. OF POLLUTION CONTROL RECEIVES THE DATA AND SERVES A COORDINATING FUNCTION FOR STATE MONITORING ACTIVITIES. PEACE IS A MEMBER OF THE STATE POLLUTION CONTROL COORDINATING BOARD.

MR. TERRY THURMAN, CHIEF
WATER QUALITY DIVISION
OKLAHOMA WATER RESOURCES BOARD
2241 NORTHWEST 40TH STREET
OKLAHOMA CITY, OK 73112

PHONE: 405 528-7808
FTS: 405 231-4011

REMARKS:

WATER QUALITY DIVISION...COLLECTS PESTICIDE SAMPLES, (BOTH WATER AND SEDIMENT) AT 26 SELECTED POINTS ACROSS THE STATE. ALL OF THE MAJOR STREAM SYSTEMS IN THE STATE ARE MONITORED ON A QUARTERLY BASIS. THE STATE DEPARTMENT OF AGRICULTURE ANALYZES ALL PESTICIDE SAMPLES COLLECTED IN OKLAHOMA'S PESTICIDE MONITORING PROGRAM.

MARK COLEMAN, COORDINATOR
ENVIRONMENTAL LABORATORIES
DEPT. OF HEALTH
N.E. TENTH AND STONEWALL
OKLAHOMA CITY, OK 73105

PHONE: 405 271-5240
FTS: 405 231-4011

REMARKS:

COLEMAN BELONGS TO STATE DEPT. OF HEALTH, THROUGH POLLUTION CONTROL COORDINATING BOARD. STREAMS ARE SAMPLED FOR PESTICIDES IN CONJUNCTION WITH STATE DEPT. OF AGRICULTURE. HEALTH DEPT. ALSO RUNS ITS OWN INDEPENDENT PROGRAMS, WHICH INCLUDE MONITORING RUNOFF, MILK, AND FOODS. AIR MONITORING WAS RECENTLY HALTED. ALSO COMMANDS CAPACITY TO INVESTIGATE ANY PESTICIDE-RELATED EVENT OR PROBLEM AS IT ARISES, IN WHATEVER ENVIRONMENTAL MEDIUM IT HAPPENS TO AFFECT.

**********OREGON

VIRGIL HIATT, STATE CHEMIST AND
ADMINISTRATOR OF LABORATORIES

PHONE: 503 378-3793
FTS:

LAB. SERVICES DIV., AGRICULTURE DEPT
635 CAPITOL ST. N.E.
SALEM, OR 97310

REMARKS:

MONITORS ALL FOODS, INCLUDING DAIRY PRODUCTS, SOME FROZEN AND PROCESSED FOODS, AND ANIMAL FEEDS. MONITORS SOIL, WATER, WILDLIFE, ETC. IN ALL CASES WHEN PESTICIDES USED BY STATE AND FEDERAL FORESTRY DEPARTMENTS ON FEDERAL AND STATE LANDS. MONITORS DDT LEVELS IN CERTAIN AREAS OF DOUGLAS FIRS.

**********PENNSYLVANIA

RICHARD BOARDMAN, CHIEF
WATER QUALITY DIV.
DEPT. OF ENVIRONMENTAL RESOURCES
PO BOX 2063
HARRISBURG, PA 17120

PHONE: 717 787-9637
FTS:

REMARKS:

CONDUCTS MONITORING ON SMALL SCALE FOR EFFECTS ON STREAMS OF SPRAYING FOR GYPSY MOTHS.

**********RHODE ISLAND

RONALD CHECK, PRINCIPAL CHEMIST
LABORATORIES DIV., RM. 370
DEPT. OF HEALTH
STATE OFFICE BLDG., SMITH ST.
PROVIDENCE, RI 02903

PHONE: 401 277-2238
FTS: 401 528-1000

REMARKS:

PERFORMS ROUTINE ANALYSES FOR PESTICIDES IN BOTH WATER AND FOOD. ALSO INVESTIGATES PESTICIDE LEVELS AFTER ISOLATED SPRAYINGS. THIS LAB RUNS ANALYSES FOR OTHER STATE AGENCIES AS WELL.

**********SOUTH CAROLINA

LAMAR PRIESTER, DEPUTY COMMISSIONER
FOR ENVIRONMENTAL HEALTH & SAFETY
DEPT. OF HEALTH & ENV. CONTROL
260A BULL ST.
COLUMBIA, SC 29201

PHONE: 803 758-8490
FTS: 803 765-5011

REMARKS:

CARRIES OUT LIMITED AMOUNT OF MONITORING, MOSTLY CONCERNED WITH SURFACE WATERS, ESPECIALLY THOSE USED AS PUBLIC SUPPLIES. SOME MONITORING DONE ON SOIL, BUT NOT MUCH DONE ON WILDLIFE. AQUIFERS MONITORED ON DEMAND OR PROBLEM BASIS ONLY. OTHER MONITORING IN STATE PERFORMED MAINLY THROUGH ACADEMIC AUSPICES. LOUIS SENN, DIR. OF DIVISION OF REGULATORY AND PUBLIC SERVICE PROGRAMS OF THE COLLEGE OF AGRICULTURE AT CLEMSON UNIVERSITY IN CLEMSON, MONITORS MAINLY SOIL AND WATER IN CONNECTION WITH THE FIRE ANT AND WITCH WEED CONTROL PROGRAMS. SAMUEL SANDIFER, PROJECT DIRECTOR OF THE EPA COMMUNITY PESTICIDES STUDY AT THE MEDICAL UNIVERSITY OF S. CAROLINA IN CHARLESTON, MONITORS PESTICIDE LEVELS IN HUMANS.

**********SOUTH DAKOTA

STEVEN L. SORENSEN, ENV.L SANITARIAN
SOLID WASTE AND PESTICIDE PROGRAM
DEPT. OF ENVIRONMENTAL PROTECTION
OFFICE BLDG. NO. 2
PIERRE, SD 57501

PHONE: 605 224-3351
FTS: 605 225-0250

REMARKS:

RUNS PROGRAM IN ORDER TO DETERMINE EFFECTS OF PESTICIDES ON ENVIRONMENT. HAS EQUIPMENT FOR ROUTINE MONITORING, BUT MOSTLY INVESTIGATES ACCIDENTS AS THEY OCCUR. AIR MONITORING RECENTLY STOPPED FOR FINANCIAL REASONS. HAS PESTICIDES COMPUTER PROGRAM WHICH CODES INFORMATION CONCERNING ALL COMMERCIAL APPLICATIONS. THIS DATA CAN THEN BE CORRELATED WITH ACCIDENT REPORTS.

**********TENNESSEE

EUGENE HOLEMAN, DIRECTOR
FOOD AND DRUG DIV.
DEPT. OF AGRICULTURE
PO BOX 40627, MELROSE STATION
NASHVILLE, TN 37204

PHONE: 615 741-1411
FTS: -

REMARKS:

CURRENTLY MONITORS PESTICIDE RESIDUES IN DAIRY PRODUCTS IN CONJUNCTION WITH FDA AND IN LIVESTOCK IN CONJUNCTION WITH USDA. ALSO MONITORS SOME OTHER MATERIALS SUCH AS FLOUR, LEAVES, POND WATER, AND SOIL.

**********TEXAS

G.R. HERZIK, DEPUTY COMMISSIONER FOR
ENV.L. CONSUMER HEALTH PROTECTION
DEPT. OF HEALTH
1100 W. 49TH ST.
AUSTIN, TX 78756

PHONE: 512 454-3781
FTS: 512 397-5011

REMARKS:

MONITORS PESTICIDE AND RADIATION LEVELS IN MILK, WATER, AIR, AND HUMAN TISSUE.

**********UTAH

J. WANLESS SOUTHWICK, CHIEF
HEALTH EFFECTS SEC.
ENV.L HEALTH BUR., STATE HEALTH DIV
44 MEDICAL DRIVE
SALT LAKE CITY, UT 84113

PHONE: 801 328-6121
FTS: 801 524-5500

REMARKS:

IN CONJUNCTION WITH EPA COMMUNITY PESTICIDES PROGRAM, AIR, WATER, SOIL AND WILDLIFE MONITORED MOSTLY ON GRAB-BAG SAMPLING BASIS. AIR MONITORING CEASED DUE TO LACK OF SIGNIFICANT RESULTS. ALSO INVESTIGATES PESTICIDE EPISODES OR ACCIDENTS.

**********VERMONT

JAMES MORSE, AQUATIC BIOLOGIST
WATER QUALITY DIV.
STATE OFFICE BLDG. (ATTN 660 ELM ST)
AGENCY OF ENVIRONMENTAL CONSERVATION
MONTPELIER, VT 05602

PHONE: 802 828-2763
FTS: -

REMARKS:

WILL BEGIN MONITORING SURFACE WATERS FOR PESTICIDES, HOPEFULLY BY END OF SUMMER. MORSE IS ALSO CHAIRMAN OF THE STATE PESTICIDE ADVISORY COUNCIL WHICH INCLUDES REPRESENTATIVES FROM THE AGENCY OF ENVIRONMENTAL CONSERVATION, FISH AND GAME DEPT., HEALTH DEPT., ONE OR TWO OTHER STATE AGENCIES, AND THE UNIVERSITY OF VERMONT. THE PESTICIDE ADVISORY COUNCIL PLANS TO DESIGN A STATE-WIDE PESTICIDE MONITORING PROGRAM TO BE CONCERNED WITH ALL ASPECTS OF THE ENVIRONMENT.

**********VIRGINIA

B. W. SOUTHALL, DIRECTOR
PRODUCT + INDUSTRY REGULATION DIV.
DEPT. OF AGRICULTURE + COMMERCE
PO BOX 1163
RICHMOND, VA 23209

PHONE: 804 770-3523
FTS: -

REMARKS:

THIS DIVISION INCLUDES TWO SECTIONS INVOLVED WITH PESTICIDES. THE FOOD INSPECTION SECTION, SUPERVISED BY RAY VANHUSS, MAINTAINS ROUTINE CHECK ON FOOD PRODUCTS. THE PESTICIDE, PAINT AND HAZARDOUS SUBSTANCES SECTION, SUPERVISED BY HARRY RUST, INVESTIGATES ALL PESTICIDE-RELATED ACCIDENTS OR INCIDENTS OF MISUSE, BUT DOES NOT PERFORM ROUTINE MONITORING ACTIVITIES AS SUCH.

ROBERT S. MCIVOR, DIR. OF MONITORING
SURVEILLANCE + FIELD STUDIES BUR.
STATE WATER CONTROL BOARD
2211 N. HAMILTON
RICHMOND, VA 23230

PHONE: 804 770-1411
FTS: -

REMARKS:

OPERATES 100 STATIONS THROUGHOUT STATE TO MONITOR WATER. SAMPLES TAKEN BI-ANNUALLY, DEPENDING UPON SEASON OF SPRAYING OR APPLICATION, OR AT TIMES WHEN PESTICIDE RESIDUES SUSPECTED. IF PROBLEM FOUND, ADDITIONAL SAMPLES MAY BE TAKEN, SUCH AS OF FISH, BOTTOM SEDIMENTS, ETC.

**********WASHINGTON

SAMUEL I. REED, CHIEF
ENVIRONMENTAL HEALTH PROGRAMS
DEPT. OF SOCIAL + HEALTH SERVICES
PO BOX 1788
OLYMPIA, WA 98504

PHONE: 206 753-5955
FTS: -

REMARKS:

IN CONJUNCTION WITH EPA COMMUNITY PESTICIDES PROGRAM, MONITORS STORAGE LEVELS IN HUMANS AND PRINCIPAL ROUTES OF HUMAN EXPOSURE TO PESTICIDES. SURVEYS AGRICULTURAL USAGE OF PESTICIDES IN STATE, AND INVESTIGATES ALL SUSPECTED POISONINGS, ACCIDENTS, ETC. INVOLVING PESTICIDE USE.

**********WEST VIRGINIA

HARVEY ROBERTS, DIRECTOR
INDUSTRIAL HYGIENE LABORATORY
DEPT. OF HEALTH
1800 E. WASHINGTON ST.
CHARLESTON, WV 25305

PHONE: 304 345-3526
FTS: -

REMARKS:

PESTICIDES MONITORED IN PUBLIC DRINKING SUPPLIES, BUT ONLY WHERE SUSPECTED.

**********WISCONSIN

GERALD MYRDAL, DIRECTOR
CHEMISTRY BUR., GENERAL LAB.,S DIV.
DEPT. OF AGRICULTURE
4702 UNIVERSITY AVE.
MADISON, WI 53705

PHONE: 608 266-2761
FTS: -

REMARKS:

ROUTINELY CHECKS FOR RESIDUES IN FOODS FOR HUMAN AND ANIMAL CONSUMPTION, OTHERWISE, STUDIES ENVIRONMENTAL EFFECTS OF PESTICIDES ONLY ON COMPLAINT OR SPECIFIC-CASE BASIS, IN THIS RESPECT, HAS BEEN INTENSIVELY INVOLVED, AND HAS PUBLISHED RESULTS IN A PESTICIDES MONITORING JOURNAL.

**********WYOMING

LARRY BOURRET
ASSISTANT COMMISSIONER
DEPT. OF AGRICULTURE
2219 CAREY
CHEYENNE, WY 82001

PHONE: 307 777-7321
FTS: -

REMARKS:

MONITORING CARRIED OUT ON A SURVEILLANCE BASIS. IF A SITUATION DEVELOPS AN IN-DEPTH PROGRAM IS INSTITUTED.

ARIZONA

PROGRAM NAME AND ADDRESS:

ARIZONA DEPT OF HEALTH SERVICES
LAB SERVICES--PESTICIDE TESTS
1740 W.ADAMS
PHOENIX AZ 85017

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

COUNTS LAST JON FIRST DR. TITLE
TELEPHONE NUMBER:

602-271-4552
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

602-271-4552
EXPECTED DURATION OF MONITORING:

25 YEARS OR MORE

PURPOSE:
ALL DATA IS COLLECTED AS PART OF INDIVIDUAL STATE PROGRAMS OR PROJECTS. I.E., MILK FOR DAIRY COMMISSIONER, WATER (DRINKING) FOR WATER QUALITY, DEPT OF HEALTH, SURFACE WATERS FOR WATER POLLUTION AND GAME AND FISH. STATE LABORATORY SUPPORTS ALL STATE AND COUNTY PROGRAMS, PROVIDING LABORATORY CAPABILITY.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER	STATE-WIDE	(A)	SPORADIC	12	GAS CHROMATOGRAPHY	RELATIVE STANDARD DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	UNPUBLISHED RECORDS	0/69
ORGANO PHOSPHATES	FRESH WATER	STATE-WIDE	(A)	SPORADIC	12	GAS CHROMATOGRAPHY	RELATIVE STANDARD DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	UNPUBLISHED RECORDS	0/69
PHENOXY HERBICIDES	FRESH WATER	STATE-WIDE	(A)	SPORADIC	12	GAS CHROMATOGRAPHY	RELATIVE STANDARD DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	UNPUBLISHED RECORDS	0/69
CHLORINATED HYDROCARBONS	DRINKING WATER	LOCAL	4	PERIODIC	48	GAS CHROMATOGRAPHY	RELATIVE STANDARD DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	UNPUBLISHED RECORDS	0/69
ORGANO PHOSPHATES	DRINKING WATER	LOCAL	4	PERIODIC	48	GAS CHROMATOGRAPHY	RELATIVE STANDARD	UNPUBLISHED RECORDS	0/69

								DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	RECORDS
CARBAMATES	DRINKING WATER	LOCAL	4	PERIODIC	48	GAS CHROMATOGRAPHY	RELATIVE STANDARD DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	UNPUBLISHED RECORDS	0/69
CHLORINATED HYDROCARBONS	FOOD (MILK)	STATE-WIDE	(B)	PERIODIC	2000	GAS CHROMATOGRAPHY	RELATIVE STANDARD DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	UNPUBLISHED RECORDS	0/69
ORGANO PHOSPHATES	FOOD (MILK)	STATE-WIDE	(B)	PERIODIC	2000	GAS CHROMATOGRAPHY	RELATIVE STANDARD DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	UNPUBLISHED RECORDS	0/69
PHENOXY HERBICIDES	FOOD (MILK)	STATE-WIDE	(B)	PERIODIC	2000	GAS CHROMATOGRAPHY	RELATIVE STANDARD DEVIATION BETTER THAN 10 PERCENT ON MOST DETERMINATIONS	UNPUBLISHED RECORDS	0/69

219

-----NOTES-----
A VARIES
B ALL DAIRIES-8 TIMES PER YEAR

********** ARKANSAS **********

PROGRAM NAME AND ADDRESS:

PESTICIDE RESIDUE DETER.-MEAT,WATER
ARK DEPT OF HEALTH, PESTICIDE PROG
4815 WEST MARKHAM ST
LITTLE ROCK AR 72201

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

PETERS PHILLIP L. PESTICIDE PROJECT OFFICER
LAST FIRST TITLE
TELEPHONE NUMBER:

501-661-2397
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

501-661-2397
EXPECTED DURATION OF MONITORING:

5 YEARS

PURPOSE:
TO DETERMINE THE PREVALENCE OF PESTICIDE RESIDUES AND THE TRENDS ASSOCIATED WITH THE DEGREE OF CONTAMINATION PRESENT IN DAIRY AND BEEF CATTLE AS WELL AS THE PUBLIC FRESH WATER SUPPLIES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	AIR, FRESH WATER, DRINKING WATER, FOOD	LOCAL, STATE-WIDE	(A)	PERIODIC	30	EPA ANALYTICAL METHODS	2 SIGMA	UNPUBLISHED RECORDS	7/71
ORGANO PHOSPHATES	AIR, FRESH WATER, DRINKING WATER, MAN, FOOD	LOCAL, STATE-WIDE	(A)	PERIODIC, SPORADIC	(A)	EPA ANALYTICAL METHODS	2 SIGMA	UNPUBLISHED RECORDS	7/71
PHENOXY HERBICIDES	AIR, FRESH WATER, DRINKING WATER, FOOD	LOCAL, STATE-WIDE	(A)	PERIODIC, SPORADIC	(A)	EPA ANALYTICAL METHODS	2 SIGMA	UNPUBLISHED RECORDS	7/71
CARBAMATES	AIR, FRESH WATER, DRINKING WATER, FOOD	LOCAL, STATE-WIDE	(A)	PERIODIC, SPORADIC	(A)	EPA ANALYTICAL METHODS	2 SIGMA	UNPUBLISHED RECORDS	7/71
DITHIOCARBAMATES	AIR, FRESH WATER, DRINKING WATER, FOOD	LOCAL, STATE-WIDE	(A)	PERIODIC, SPORADIC	(A)	EPA ANALYTICAL METHODS	2 SIGMA	UNPUBLISHED RECORDS	7/71

-------NOTES-----
A NON-FIXED

********** ARKANSAS **********

PROGRAM NAME AND ADDRESS:

PRIMARY MONITORING NETWORK
ARKANSAS DEPT OF POLLUTION CONTROL
+ ECOLOGY, 8001 NATIONAL DRIVE
LITTLE ROCK AR 72209

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

SHELL J.R. ASSISTANT CHIEF, WATER DIVISION
LAST FIRST TITLE
TELEPHONE NUMBER:

501-371-1761
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

501-371-1761
EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
BACKGROUND AND TREND DETERMINATION.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER	STATE-WIDE	102	PERIODIC	408	GAS CHROMATOGRAPH	+ OR - 50 PERCENT ON LOW NG/L QUANTITIES	COMPUTER (STORET)	3/74
ORGANO PHOSPHATES	FRESH WATER	STATE-WIDE	102	PERIODIC	408	GAS CHROMATOGRAPH	+ OR - 50 PERCENT ON OW NG/L QUAN	COMPUTER (STORET)	3/74

TRIAZINE HERBACIDES	FRESH WATER	STATE-WIDE	102	PERIODIC	40R	GAS CHROMATOGRAPH	TITIES + OR - 50 PERCENT ON LOW NG/1 QUANTITIES	COMPUTER (STORET)	3/74
PHENOXY HERBICIDES	FRESH WATER	STATE-WIDE	102	PERIODIC	40R	GAS CHROMATOGRAPH	+ OR - 50 PERCENT ON LOW NG/1 QUANTITIES	COMPUTER (STORET)	3/74

•••••••••••••••••• CALIFORNIA ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

PESTICIDE MONITORING OF FISH + WILDLIFE, DEPT OF FISH + GAME
1416 NINTH STREET
SACRAMENTO CA 95814

ADDRESS OF DIRECTOR:

PESTICIDE MON. OF FISH + WILDLIFE
FIELD STATION
987 JEDSMITH DRIVE
SACRAMENTO CA 95819
SEND INQUIRIES ABOUT DATA TO:

PESTICIDE MON. OF FISH + WILDLIFE
FIELD STATION
987 JEDSMITH DRIVE
SACRAMENTO CA 95819

NAME OF DIRECTOR:

GRIFFITH LAST
WILLIAM FIRST
PEST. INVEST. COORD. TITLE
TELEPHONE NUMBER:

916-445-0154
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

W.H. GRIFFITH
TELEPHONE NUMBER:

916-445-0154
EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
TO DETERMINE THE AMOUNT OF PESTICIDE RESIDUES IN FISH AND WILDLIFE AND TO DETERMINE THE PERSISTENCE OF THESE RESIDUES AND THEIR MODE OF MOVEMENT THROUGH THE ENVIRONMENT.

REMARKS:
MONITORING INVESTIGATIONS ARE SEPARATED INTO 4 SUBDIVISIONS--
1. MARINE FISH MONITORING--50 ANALYSES PER YEAR.
2. ANADROMOUS FISH MONITORING--60 ANALYSES PER YEAR.
3. INLAND FISH MONITORING--20 ANALYSES PER YEAR.
4. WILDLIFE MONITORING--70 ANALYSES PER YEAR.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	ANIMALS	STATE-WIDE	12	PERIODIC	200	GAS-LIQUID CHROMATOGRAPH	10 PPB	PUBLISHED PAPERS, UNPUBLISHED RECORDS	0/62

•••••••••••••••••• CALIFORNIA ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

D-1379 DELTA WATER QUALITY MON PROG
CALIFORNIA DEPT OF WATER RESOURCES
P.O. BOX 388
SACRAMENTO CA 95802

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

MC CLURG LAST
JOHN FIRST
SENIOR ENGINEER TITLE
TELEPHONE NUMBER:

916-445-6955
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

HARLAN J. PROCTOR

TELEPHONE NUMBER:

916-445-7517

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

5 YEARS CURRENTLY

PURPOSE:
TO PROVIDE CONTINUING SURVEILLANCE OF THE SACRAMENTO-SAN JOAQUIN DELTA FOR DETERMINING APPROPRIATE OPERATIONAL CRITERIA FOR FACILITIES OF THE CALIFORNIA STATE WATER PROJECT IN ASSURING ADEQUATE PROTECTION OF THE AQUATIC ENVIRONMENT.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, MARINE WATER	LOCAL	16	PERIODIC	48	DOUBLE COLUMN GAS CHROMATOGRAPH	REPORT ONLY CONFIRMED VALUES	COMPUTER	5/73

•••••••••••••••••• CALIFORNIA ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

SAN JOAQUIN VALLEY DRAINAGE MON.
CALIFORNIA DEPT OF WATER RESOURCES
P.O. BOX 388
SACRAMENTO CA 95802

NAME OF DIRECTOR:

MC INTYRE VICTOR SENIOR ENGINEER
LAST FIRST TITLE
TELEPHONE NUMBER:

209-488-5372

ADDRESS OF DIRECTOR:

SAN JOAQUIN VALLEY DRAINAGE MONITORING
P.O. BOX 2385
FRESNO CA 93723

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

209-488-5372

SEND INQUIRIES ABOUT DATA TO:

SAN JOAQUIN VALLEY DRAINAGE MONITORING
P.O. BOX 2385
FRESNO CA 93723

EXPECTED DURATION OF MONITORING:

CONTINUING PROGRAM

PURPOSE:
THE SAN JOAQUIN VALLEY DRAINAGE MONITORING PROGRAM IS DESIGNED TO OBTAIN DATA AT EXISTING DRAINAGE FACILITIES WHICH WILL PERMIT IDENTIFICATION OF PRESENT QUALITY AND QUANTITY OF AGRICULTURAL WASTE WATER. THE RESULTS OF THIS PROGRAM WILL BE USED IN PREPARING PROJECTIONS OF FUTURE QUALITY AND QUANTITY TO SERVE AS A BASIS FOR DEVELOPING A BASINWIDE MANAGEMENT SYSTEM FOR AGRICULTURAL WASTE WATER.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	(DRAINAGE)	(REGIONAL)	23	PERIODIC	4	DOUBLE COLUMN GAS CHROMATOGRAPH	REPORT ONLY CONFIRMED VALUES	COMPUTER, PUBLISHED PAPERS	9/69
ORGANO PHOSPHATES	(DRAINAGE)	(REGIONAL)	23	PERIODIC	4	DOUBLE COLUMN GAS CHROMATOGRAPH	REPORT ONLY CONFIRMED VALUES	COMPUTER, PUBLISHED PAPERS	1/63

•••••••••••••••••• CALIFORNIA ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

NAME OF DIRECTOR:

GROUND WATER QUALITY DATA
CALIFORNIA DEPT OF WATER RESOURCES
P.O. BOX 388
SACRAMENTO CA 95802

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

MC DONELL ROBERT STATEWIDE DATA COORDINATOR
LAST FIRST TITLE
TELEPHONE NUMBER:

916-445-7314
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

EDWIN A. RITCHIE
TELEPHONE NUMBER:

916-445-0469
EXPECTED DURATION OF MONITORING:

CONTINUING PROGRAM

PURPOSE:
1. TO PROVIDE AN ADEQUATE, RELIABLE HISTORIC GROUND WATER QUALITY BASE FILE TO SATISFY THE PLANNING NEEDS OF THE STATE IN EFFECTING THE ORDERLY PROTECTION, DEVELOPMENT AND MANAGEMENT OF ITS GROUND WATER RESOURCES.
2. TO MAINTAIN SURVEILLANCE OF CRITICAL GROUND WATER QUALITY CONDITIONS AND ADVISE REGULATORY AGENCIES WHEN ADVERSE CHANGES IN QUALITY ARE DETECTED.
3. TO EVALUATE GROUND WATER QUALITY DATA AND DETERMINE TRENDS IN ORDER TO MAKE THIS INFORMATION AVAILABLE TO THE PUBLIC AND LEGISLATIVE BODIES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER	STATE-WIDE	(A)	SPORADIC	(A)	DOUBLE COLUMN GAS CHROMATOGRAPH	REPORT ONLY CONFIRMED VALUES	COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS	0/71
ORGANO PHOSPHATES	FRESH WATER	STATE-WIDE	(A)	SPORADIC	(A)	DOUBLE COLUMN GAS CHROMATOGRAPH	REPORT ONLY CONFIRMED VALUES	COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS	0/71

223

-------NOTES-----
A UNDETERMINED FOR 1974-75

********** CALIFORNIA **********

PROGRAM NAME AND ADDRESS:

SURFACE WATER QUALTIY DATA
CALIFORNIA DEPT OF WATER RESOURCES
P.O. BOX 388
SACRAMENTO CA 95802

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

MC DONELL ROBERT STATEWIDE DATA COORDINATOR
LAST FIRST TITLE
TELEPHONE NUMBER:

916-445-7314
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

EDWIN A. RITCHIE
TELEPHONE NUMBER:

916-445-0469
EXPECTED DURATION OF MONITORING:

CONTINUING PROGRAM

PURPOSE:
1. TO PROVIDE AN ADEQUATE SURFACE WATER QUALITY HISTORIC DATA BASE THROUGH SYSTEMATIC EXAMINATION AND SURVEILLANCE FOR DETERMINING CONDITIONS AND DETECTING CHANGES.
2. TO EVALUATE SURFACE WATER QUALITY DATA AND DETERMINE TRENDS IN ORDER TO MAKE THIS INFORMATION AVAILABLE TO THE PUBLIC AND LEGISLATIVE BODIES INCLUDING APPROPRIATE CONTROL AGENCIES WHEN CRITICAL OR ADVERSE CHANGES ARE DETECTED.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	REGAN
CHLORINATED HYDROCARBONS	FRESH WATER	STATE-WIDE	12	PERIODIC	(A)	DOUBLE COLUMN GAS CHROMATOGRAPH	REPORT ONLY CONFIRMED VALUES	COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS	10/69
ORGANO PHOSPHATES	FRESH WATER	STATE-WIDE	12	PERIODIC	(A)	DOUBLE COLUMN GAS CHROMATOGRAPH	REPORT ONLY CONFIRMED VALUES	COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS	10/69

--------NOTES-----
A VARIOUS

********** COLORADO **********

224

PROGRAM NAME AND ADDRESS:

PESTICIDE WATER CHECK
COLORADO DEPT. OF AGRICULTURE
1525 SHERMAN
DENVER Co 80203

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

BURCHFIT	DENNIS	CHIEF, PESTICIDES
LAST	FIRST	TITLE

TELEPHONE NUMBER:

303-892-3838

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

303-892-3838

EXPECTED DURATION OF MONITORING:

3 OR MORE YEARS

PURPOSE:
FIFTY TO SIXTY MAJOR WATER SOURCES ARE CHECKED ONCE EACH YEAR (IN THE FALL) AND ANALYZED TO SEE IF THEY CONTAIN PESTICIDES. ANY HIGH RESIDUES ARE INVESTIGATED. OTHER CHECKS MAY BE MADE IF A COMMERCIAL APPLICATOR IS INVOLVED.
REMARKS:
MR. ROBERT SULLIVAN (DIRECTOR, PLANT INDUSTRY) DIRECTS THE PESTICIDE WATER CHECK PROGRAM WITH MR. BURCHFIT.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	REGAN
CHLORINATED	FRESH WATER	STATE-WIDE	(A)	PERIODIC	(A)	THIN LAYER	PPT	UNPUBLISHED	8/71

HYDROCARBONS						CHROMATOGRAPHY, GAS-LIQUID CHROMATOGRAPHY		RECORDS	
CHLORINATED HYDROCARBONS (MONITORED ONLY IF COMMERCIAL APPLICATORS ARE INVOLVED)	FRESH WATER, DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS	STATE-WIDE	(B)	CONTINUOUS, SPORADIC	(C)	THIN LAYER CHROMATOGRAPHY, GAS-LIQUID CHROMATOGRAPHY	PPM	UNPUBLISHED RECORDS	8/68
ORGANO PHOSPHATES (MONITORED ONLY IF COMMERCIAL APPLICATORS ARE INVOLVED)	FRESH WATER, DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS	STATE-WIDE	(B)	CONTINUOUS, SPORADIC	(C)	THIN LAYER CHROMATOGRAPHY, GAS-LIQUID CHROMATOGRAPHY	PPM	UNPUBLISHED RECORDS	8/68
TRIAZINE HERBACIDES (MONITORED ONLY IF COMMERCIAL APPLICATORS ARE INVOLVED)	FRESH WATER, DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS	STATE-WIDE	(B)	CONTINUOUS, SPORADIC	(C)	THIN LAYER CHROMATOGRAPHY, GAS-LIQUID CHROMATOGRAPHY	PPM	UNPUBLISHED RECORDS	8/68
PHENOXY HERBICIDES (MONITORED ONLY IF COMMERCIAL APPLICATORS ARE INVOLVED)	FRESH WATER, DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS	STATE-WIDE	(B)	CONTINUOUS, SPORADIC	(C)	THIN LAYER CHROMATOGRAPHY, GAS-LIQUID CHROMATOGRAPHY	PPM	UNPUBLISHED RECORDS	8/68
CARBAMATES (MONITORED ONLY IF COMMERCIAL APPLICATORS ARE INVOLVED)	FRESH WATER, DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS	STATE-WIDE	(B)	CONTINUOUS, SPORADIC	(C)	THIN LAYER CHROMATOGRAPHY, GAS-LIQUID CHROMATOGRAPHY	PPM	UNPUBLISHED RECORDS	8/68
DITHIOCARBAMATES (MONITORED ONLY IF COMMERCIAL APPLICATORS ARE INVOLVED)	FRESH WATER, DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS	STATE-WIDE	(B)	CONTINUOUS, SPORADIC	(C)	THIN LAYER CHROMATOGRAPHY, GAS-LIQUID CHROMATOGRAPHY	PPM	UNPUBLISHED RECORDS	8/68
DINITROANILINE (MONITORED ONLY IF COMMERCIAL APPLICATORS ARE INVOLVED)	FRESH WATER, DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS	STATE-WIDE	(B)	CONTINUOUS, SPORADIC	(C)	THIN LAYER CHROMATOGRAPHY, GAS-LIQUID CHROMATOGRAPHY	PPM	UNPUBLISHED RECORDS	8/68

-------NOTES-----
A 50-60
B UNKNOWN
C 30-150

********** CONNECTICUT **********

PROGRAM NAME AND ADDRESS:

PRIMARY MONITORING NETWORK, WATER COMPLIANCE & HAZARDOUS SUBS. UNIT, CONN.D.E.P., STATE OFFICE BLDG.-RM26 HARTFORD CT 06115

ADDRESS OF DIRECTOR:

NAME OF DIRECTOR:

TAYLOR ROBERT DIRECTOR
LAST FIRST TITLE
TELEPHONE NUMBER:

203-566-3245
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

CHARLES A. FREDETTE
TELEPHONE NUMBER:

203-566-2588

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

CONTINUING INDEFINITELY

PURPOSE:
CHEMICAL, PHYSICAL, AND BIOLOGICAL SAMPLING OF SURFACE WATERS AND SEDIMENTS TO PROVIDE DATA TO ASSESS QUALITY AND TRENDS IN QUALITY.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	SEDIMENT	STATE-WIDE	45	PERIODIC	1	GAS CHROMATOGRAPHY		COMPUTER (EPA STORET)	7/74
ORGANO PHOSPHATES	SEDIMENT	STATE-WIDE	45	PERIODIC	1	GAS CHROMATOGRAPHY		COMPUTER (EPA STORET)	7/74
PHENOXY HERBICIDES	SEDIMENT	STATE-WIDE	45	PERIODIC	1	GAS CHROMATOGRAPHY		COMPUTER (EPA STORET)	7/74
DINITROANILINE (OTHER PESTICIDES)	FRESH WATER, MARINE WATER, SEDIMENT	STATE-WIDE	45	PERIODIC	1	GAS CHROMATOGRAPHY AND OTHERS		COMPUTER (EPA STORET)	7/74

DELAWARE

225

PROGRAM NAME AND ADDRESS:

CUM. TOXICITY OF CANDIDATE INSECTICIDES TO NON-TARGET SALT-MARSH ORGANISMS.
DEPT OF ENTOMOLOGY, UNIV OF DEL
NEWARK DE 19711

NAME OF DIRECTOR:

MURPHY FRANK ASSOCIATE PROFESSOR
LAST FIRST TITLE
TELEPHONE NUMBER:

302-738-2526

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

302-738-2526

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
CANDIDATE INSECTICIDES ARE TESTED AGAINST SALT-MARSH ORGANISMS IN A MODEL MARSH SYSTEM, SQUARE-YARD POOLS WITH SOD AND HABITAT WATER PLUS THE SALT MARSH ORGANISMS SIMULATE THE NATURAL HABITAT. CUMULATIVE TOXICITY, USUALLY COVERING THREE, FIFTEEN-DAY PERIODS INDICATES TOXICITY TO NON-TARGET ORGANISMS, E.G.--KILLIFISH, GRASS SHRIMP, FIDDLER CRABS AND BLUE CRABS.
REMARKS:
THIS RESEARCH IS SUPPORTED BY A GRANT FROM THE MOSQUITO CONTROL SECTION, DEPARTMENT OF NATURAL RESOURCES, MILFORD, DE 19963.
DR. MURPHY CONDUCTS THIS PROGRAM ALONG WITH ROBERT W. LAKE, RESEARCH ASSOCIATE, WHO MAY ALSO BE CONTACTED FOR INFORMATION.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN

ORGANO PHOSPHATES	MARINE WATER	STATE-WIDE	SPORADIC	RESPONSE OF ORGANISMS	PUBLISHED PAPERS, UNPUBLISHED RECORDS

********** DISTRICT OF COLUMBIA **********

PROGRAM NAME AND ADDRESS:

ESTUARINE MONITORING FOR PESTICIDES
U.S. ENVIRONMENTAL PROTECTION AGCY
CONTRACTS MANAGEMENT DIVISION
WASHINGTON DC 20460

NAME OF DIRECTOR:

BUTLER PHILLIP PROJECT LEADER
LAST FIRST TITLE
TELEPHONE NUMBER:

ADDRESS OF DIRECTOR:

ESTUARINE MONITORING FOR PESTICIDES
GULF BREEZE ENVIRON. RESEARCH LAB
SABINE ISLAND
GULF BREEZE FL 25610
SEND INQUIRIES ABOUT DATA TO:

ESTUARINE MONITORING FOR PESTICIDES
FIELD STATION
987 JEDSMITH DRIVE
SACRAMENTO CA 95819

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

W.H. GRIFFITH
TELEPHONE NUMBER:
916-445-6194
EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
A NATIONAL MONITORING INVESTIGATION TO DETERMINE THE LEVELS OF PESTICIDE RESIDUES IN ESTUARINE AND INSHORE YOUNG-OF-THE-YEAR FISH IN COASTAL CONTRACTING STATES.

REMARKS:
THE DEPARTMENT OF FISH AND GAME IS A COOPERATING AGENCY IN CALIFORNIA TO COLLECT SPECIFIED SAMPLES AND PREPARE THEM FOR DRY SHIPMENT TO A SPECIFIED EPA LAB. EPA ANALYZES THE SAMPLES AND RETURNS THE DATA TO EACH COOPERATING STATE.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	ANIMALS	STATE-WIDE, (NATIONAL)	5 (A) PERIODIC	40	EPA LAB--GAS-LIQUID CHROMATOGRAPH		PUBLISHED PAPERS	0/68

-------NOTES-----
A CALIFORNIA

********** FLORIDA **********

PROGRAM NAME AND ADDRESS:

DIE-OFF INVESTIGATION
WILDLIFE RES PROJ. FLORIDA GAME &
FRESH WATER COMM. 4005 S.MAIN ST.
GAINESVILLE FL 32601

NAME OF DIRECTOR:

WILLIAMS LOVETT WILDLIFE BIOLOGIST
LAST FIRST TITLE
TELEPHONE NUMBER:

904-377A-6481

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

STEPHEN A. NESBITT
TELEPHONE NUMBER:

904-377A-6481

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

5 YEARS

PURPOSE:
ANY SIGNIFICANT, MYSTERIOUS DIE-OFF IS INVESTIGATED AND SAMPLES ARE ANALYZED TO DETERMINE IF PESTICIDES ARE INVOLVED.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	ANIMALS	STATE-WIDE	(A)	CONTINUOUS	50 (B)	GAS CHROMATOGRAPHY	+ OR - .01 PPM	PUBLISHED PAPERS, UNPUBLISHED RECORDS	1/70
ORGANO PHOSPHATES	ANIMALS	STATE-WIDE	(A)	CONTINUOUS	50 (B)	GAS CHROMATOGRAPHY	+ OR - .01 PPM	PUBLISHED PAPERS, UNPUBLISHED RECORDS	1/70

-------NOTES-----
A NUMEROUS
B APPROXIMATELY

********** FLORIDA **********

PROGRAM NAME AND ADDRESS:

PESTICIDES OF BRWN PELICANS IN FLA
WILDLIFE RES PROJ, FLORIDA GAME +
FRESH WATER COMM, 4005 S.MAIN ST.
GAINESVILLE FL 32601

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

WILLIAMS LOVETT WILDLIFE BIOLOGIST
LAST FIRST TITLE
TELEPHONE NUMBER:

904-376-6481
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

STEPHEN A. NESBITT
TELEPHONE NUMBER:

904-376-6481
EXPECTED DURATION OF MONITORING:

5 YEARS

PURPOSE:
PELICANS ARE COLLECTED AS NESTLINGS, EGGS AND FREE FLYING INDIVIDUALS THROUGHOUT THE YEAR TO MONITOR THE LEVELS AND IDENTIFY BUILD-UP OF ANY PESTICIDE IN FLORIDA'S BROWN PELICAN POPULATION.
REMARKS:
TO DATE NO SIGNIFICANT CHANGES HAVE BEEN OBSERVED IN THE PESTICIDE RESIDUES OF FLORIDA BROWN PELICANS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	ANIMALS, FOOD	STATE-WIDE		PERIODIC	30	GAS CHROMATOGRAPHY	+ OR - .01 PPM	PUBLISHED PAPERS, UNPUBLISHED RECORDS	1/68
ORGANO PHOSPHATES	ANIMALS, FOOD	STATE-WIDE		PERIODIC	30	GAS CHROMATOGRAPHY	+ OR - .01 PPM	PUBLISHED PAPERS, UNPUBLISHED RECORDS	1/68

FLORIDA

PROGRAM NAME AND ADDRESS:

PESTICIDE RESIDUE BUREAU, FLORIDA
DEPT. OF AGRIC. & CONSUMER SERVICES
MAYO BUILDING, LABORATORY COMPLEX
TALLAHASSEE FLA 32304

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

GOLDEN DOYLE CHIEF
LAST FIRST TITLE

TELEPHONE NUMBER:

904-877-4161, EXT. 130

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

904-877-4161, EXT. 130

EXPECTED DURATION OF MONITORING:

INDEFINITE

PURPOSE:
TO PROTECT THE PUBLIC FROM CONSUMING UNSAFE RESIDUE OF PESTICIDES IN FOOD AND FEED PRODUCTS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	REGAN
CHLORINATED HYDROCARBONS	FOOD, (FEED)	STATE-WIDE	5 (A)	CONTINUOUS	(B)	GAS-LIQUID CHROMATOGRAPHY	0.01 PPM	COMPUTER, (QUARTERLY REPORT)	0/59
ORGANO PHOSPHATES	FOOD, (FEED)	STATE-WIDE	5 (A)	CONTINUOUS	(B)	GAS-LIQUID CHROMATOGRAPHY	0.01 PPM	COMPUTER, (QUARTERLY REPORT)	0/59
TRIAZINE HERBACIDES	FOOD, (FEED)	STATE-WIDE	5 (A)	CONTINUOUS	(B)	GAS-LIQUID CHROMATOGRAPHY	0.01 PPM	COMPUTER, (QUARTERLY REPORT)	0/59
PHENOXY HERBICIDES	FOOD, (FEED)	STATE-WIDE	5 (A)	CONTINUOUS	(B)	GAS-LIQUID CHROMATOGRAPHY	0.01 PPM	COMPUTER, (QUARTERLY REPORT)	0/59
CARBAMATES	FOOD, (FEED)	STATE-WIDE	5 (A)	CONTINUOUS	(B)	GAS-LIQUID CHROMATOGRAPHY	0.01 PPM	COMPUTER, (QUARTERLY REPORT)	0/59
DITHIOCARBAMATES	FOOD, (FEED)	STATE-WIDE	5 (A)	CONTINUOUS	(B)	GAS-LIQUID CHROMATOGRAPHY	0.01 PPM	COMPUTER, (QUARTERLY REPORT)	0/59

-------NOTES-----
A LABS
B OUR LABORATORY ANALYZES APPROXIMATELY 10,000 SAMPLES PER YEAR.

GEORGIA

PROGRAM NAME AND ADDRESS:

PLANTS
GEORGIA DEPT OF AGRICULTURE
19 HUNTER ST, SW
ATLANTA GA 30334

ADDRESS OF DIRECTOR:

NAME OF DIRECTOR:

IRVIN THOMAS T. COMMISSIONER
LAST FIRST TITLE

TELEPHONE NUMBER:

404-656-3600

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

SAME AS ABOVE
TELEPHONE NUMBER:

404-656-3647

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

INDEFINITE

PURPOSE:
THESE SAMPLES ARE DONE ON A SPECIFIC REQUEST OR COMPLAINT BASIS AND CONCERN HERBICIDE DAMAGE OF PLANTS THROUGH ACCIDENTAL SPRAYING OR CROSS-CONTAMINATION OF APPROVED PESTICIDES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	PLANTS	STATE-WIDE		SPORADIC	10 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/69
ORGANO PHOSPHATES	PLANTS	STATE-WIDE		SPORADIC	10 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/69
PHENOXY HERBICIDES (ESTER FORM)	PLANTS	STATE-WIDE		SPORADIC	10 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/69

-------NOTES-----
A APPROXIMATELY

********** GEORGIA **********

PROGRAM NAME AND ADDRESS:

SOIL
GEORGIA DEPT OF AGRICULTURE
19 HUNTER STREET, SW
ATLANTA GA 30334

NAME OF DIRECTOR:

IRVIN THOMAS T. COMMISSIONER
LAST FIRST TITLE
TELEPHONE NUMBER:

404-656-3600

ADDRESS OF DIRECTOR:

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

SAME AS ABOVE
TELEPHONE NUMBER:

404-656-3647

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

INDEFINITE

PURPOSE:
THESE SAMPLES ARE DONE ON A SPECIFIC REQUEST OR A COMPLAINT BASIS AND MAINLY CONCERN THE USE OF PRE-EMERGENCE HERBICIDES AND RESIDUE TOXICITY TO FUTURE PLANTING.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	SOIL	STATE-WIDE		SPORADIC	15 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/69
ORGANO PHOSPHATES	SOIL	STATE-WIDE		SPORADIC	15 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/69
TRIAZINE HERBACIDES	SOIL	STATE-WIDE		SPORADIC	15 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/69
PHENOXY HERBICIDES (ESTER FORM)	SOIL	STATE-WIDE		SPORADIC	15 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/69

-------NOTES-----
A APPROXIMATELY

**********, GEORGIA

PROGRAM NAME AND ADDRESS:

FOOD
GEORGIA DEPT OF AGRICULTURE
19 HUNTER STREET, SW
ATLANTA GA 30334

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

****

NAME OF DIRECTOR:

IRVIN THOMAS T. COMMISSIONER
LAST FIRST TITLE
TELEPHONE NUMBER:

404-656-3600
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

404-656-3647
EXPECTED DURATION OF MONITORING:

INDEFINITE

PURPOSE:
THESE SAMPLES ARE DONE ON A REGULATORY BASIS AND ACCOUNT FOR THE MAJORITY OF RESIDUE WORK. IN THESE CASES ACTION CAN BE TAKEN IF EXCESSIVE RESIDUES ARE FOUND--INCLUDES VEGETABLES, DAIRY PRODUCTS AND MEATS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FOOD	STATE-WIDE		CONTINUOUS	700 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/67
ORGANO PHOSPHATES	FOOD	STATE-WIDE		CONTINUOUS	700 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/67

-------NOTES-----
A APPROXIMATELY

********** GEORGIA

PROGRAM NAME AND ADDRESS:

ANIMAL FEED + FEED INGREDIENTS
GEORGIA DEPT OF AGRICULTURE
19 HUNTER STREET, SW
ATLANTA GA 30334

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

****

NAME OF DIRECTOR:

IRVIN THOMAS T. COMMISSIONER
LAST FIRST TITLE
TELEPHONE NUMBER:

404-656-3600
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

404-656-3647
EXPECTED DURATION OF MONITORING:

INDEFINITE

PURPOSE:
THESE SAMPLES ARE DONE ON A REGULATORY BASIS AND ARE MAINLY

CONSIDERED A SURVEY OF FEED INGREDIENTS USED IN MIXED FEEDS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	(FEED INGREDIENTS)	STATE-WIDE		CONTINUOUS	200 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/62
ORGANO PHOSPHATES	(FEED INGREDIENTS)	STATE-WIDE		CONTINUOUS	200 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/62

-------NOTES-----
A APPROXIMATELY

********** GEORGIA **********

PROGRAM NAME AND ADDRESS:

FRESH WATER
GEORGIA DEPT OF AGRICULTURE
19 HUNTER STREET, SW
ATLANTA GA 30334

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

IRVIN THOMAS T. COMMISSIONER
LAST FIRST TITLE
TELEPHONE NUMBER:

404-656-3600
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

404-656-3647
EXPECTED DURATION OF MONITORING:

INDEFINITE

PURPOSE:
THESE SAMPLES ARE DONE ON A SPECIFIC REQUEST OR COMPLAINT BASIS AND MAINLY CONCERN SUSPICION OF FISH KILLS DUE TO CONTAMINATION WITH USE OF FARM PESTICIDES IN FARM PONDS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER	STATE-WIDE		SPORADIC	25 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/62
ORGANO PHOSPHATES	FRESH WATER	STATE-WIDE		SPORADIC	25 (A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/62

-------NOTES-----
A APPROXIMATELY

********** GEORGIA **********

PROGRAM NAME AND ADDRESS:

DRINKING WATER
GEORGIA DEPT OF AGRICULTURE
19 HUNTER STREET, SW
ATLANTA GA 30334

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

IRVIN THOMAS T. COMMISSIONER
LAST FIRST TITLE
TELEPHONE NUMBER:

404-656-3600
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

404-656-4847
SEND INQUIRIES ABOUT DATA TO: EXPECTED DURATION OF MONITORING:

SAME AS ABOVE INDEFINITE

PURPOSE:
THESE SAMPLES ARE DONE ON A SPECIFIC REQUEST OR COMPLAINT BASIS WHEREBY FARM WELLS HAVE BECOME ACCIDENTALLY CONTAMINATED WITH PESTICIDES THROUGH SPILLAGE OR OTHER MEANS WHILE IN PROCESS OF DILUTION.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	DRINKING WATER	STATE-WIDE		SPORADIC	(A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/62
ORGANO PHOSPHATES	DRINKING WATER	STATE-WIDE		SPORADIC	(A)	GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	1/62

-------NOTES-----
A 5-10 APPROXIMATELY

********** IDAHO **********

PROGRAM NAME AND ADDRESS: NAME OF DIRECTOR:

IDAHO COMMUNITY STUDY, E.P.A.
DEPT OF HEALTH + WELFARE LABORATOR.
2120 WARM SPRINGS AVENUE
BOISE ID 83702

BROCK DARRELL W. CHIEF OF LAB. SECTION
LAST FIRST TITLE
TELEPHONE NUMBER:
208-384-2235

ADDRESS OF DIRECTOR: INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE CHARLES W. MILLER, PH.D., PJT OFF
TELEPHONE NUMBER:
303-491-7038

SEND INQUIRIES ABOUT DATA TO: EXPECTED DURATION OF MONITORING:

COLORADO PESTICIDE EPIDEMIOLOGICAL
STUDIES CENTER, SPRUCE HALL
COLORADO STATE UNIVERSITY
FORT COLLINS CO 80521

PURPOSE:
TO ASSESS THE LONG-TERM IMPACT OF PESTICIDES ON MAN OVER A LONG-TERM EXPOSURE.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	AIR, FRESH WATER, DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS, MAN, FOOD.	STATE-WIDE	1	CONTINUOUS	3600	E.C., THIN-LAYER CHROMATOGRAPHY		COMPUTER, PUBLISHED PAPERS	5/68
ORGANO PHOSPHATES	AIR, FRESH WATER,	STATE-WIDE	1	PERIODIC	1000	E.C., THIN-LAYER CHROMATOGRAPHY,		COMPUTER, PUBLISHED	5/68 (JUNE

	DRINKING WATER, SEWAGE, SEDIMENT, SOIL, PLANTS, ANIMALS, MAN, FOOD					FLAME PHOTOMETRIC	PAPERS	1970)
TRIAZINE HERBACIDES	SOIL, PLANTS	STATE-WIDE	1	SPORADIC	10	E.C.	COMPUTER	
PHENOXY HERBICIDES	SOIL, PLANTS	STATE-WIDE	1	SPORADIC	190	E.C.	COMPUTER, PUBLISHED PAPERS	
CARBAMATES	PLANTS, ANIMALS, FOOD	STATE-WIDE	1	SPORADIC	100	FLAME PHOTOMETRIC, E.C., COULSON	COMPUTER	5/68 (JUNE 1974)
DITHIOCARBAMATES	PLANTS, ANIMALS, FOOD	STATE-WIDE	1	SPORADIC	100	FLAME PHOTOMETRIC, E.C., COULSON	COMPUTER	

•••••••••••••••••• ILLINOIS ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

INSECTICIDE RESIDUES--SOYBEAN GRAIN
ILLINOIS NATURAL HISTORY SURVEY
163 NATURAL RESOURCES BUILDING
URBANA IL 61801

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

MOORE STEVENSON PROFESSOR
LAST FIRST TITLE

TELEPHONE NUMBER:

217-333-6851

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

217-333-6851

EXPECTED DURATION OF MONITORING:

UNKNOWN

PURPOSE:
RESIDUES OF THE CHLORINATED HYDROCARBONS ARE TRANSLOCATED INTO SOYBEAN GRAIN. WE HAVE MONITORED SOYBEAN GRAIN IN ILLINOIS SINCE 1965 TO DETERMINE THE EXTENT OF RESIDUES OF ALDRIN AND DIELDRIN AND HEPTACHLOR AND HEPTACHLOR EPOXIDE.

REMARKS:
DR. GEORGE SPRUGEL, JR. IS THE CURRENT CHIEF OF THE ILLINOIS NATURAL HISTORY SURVEY.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	PLANTS	STATE-WIDE	100	PERIODIC	100	GAS-LIQUID CHROMATOGRAPHY	95 PERCENT +	PUBLISHED PAPERS, UNPUBLISHED RECORDS	10/65

•••••••••••••••••• ILLINOIS ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

FRESH WATER FISH SURVEILLANCE PROG.
DIVISION OF FOOD AND DRUGS
535 WEST JEFFERSON STREET
SPRINGFIELD IL 62761

ADDRESS OF DIRECTOR:

NAME OF DIRECTOR:

UPHAM ROY W. CHIEF OF DIVISION
LAST FIRST TITLE

TELEPHONE NUMBER:

217-782-2015

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

SAME AS ABOVE
TELEPHONE NUMBER:

217-782-6015

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

CONTINUOUS

PURPOSE:
TO MAINTAIN SURVEILLANCE OF CONTAMINATION OF FISH CAUGHT IN WATERS WITHIN OR CONTIGUOUS TO STATE OF ILLINOIS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FOOD	STATE-WIDE	5	CONTINUOUS	200	GAS CHROMATOGRAPHY	3X TO THE -10	UNPUBLISHED RECORDS	10/70
ORGANO PHOSPHATES	FOOD	STATE-WIDE	5	CONTINUOUS	200	GAS CHROMATOGRAPHY	3X TO THE -10	UNPUBLISHED RECORDS	10/70

********** ILLINOIS **********

PROGRAM NAME AND ADDRESS:

DAIRY PRODUCTS PESTICIDES MONITORING
DIVISION OF MILK CONTROL
535 WEST JEFFERSON
SPRINGFIELD IL 62761

NAME OF DIRECTOR:

MC AVOY HAROLD CHIEF OF DIVISION
LAST FIRST TITLE
TELEPHONE NUMBER:

217-782-6782

ADDRESS OF DIRECTOR:

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

SAME AS ABOVE
TELEPHONE NUMBER:

217-782-6782

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

CONTINUOUS

PURPOSE:
REQUIRED TO COMPLY WITH REQUIREMENTS OF INTERSTATE MILK SHIPPERS PROGRAM.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FOOD (MILK)	STATE-WIDE	(A)	CONTINUOUS	300	GAS CHROMATOGRAPHY	3X TO THE -10 PPM	UNPUBLISHED RECORDS	7/72
ORGANO PHOSPHATES	FOOD (MILK)	STATE-WIDE	(A)	CONTINUOUS	300	GAS CHROMATOGRAPHY	3X TO THE -10 PPM	UNPUBLISHED RECORDS	7/72
CARBAMATES	FOOD (MILK)	STATE-WIDE	(A)	CONTINUOUS	300	GAS CHROMATOGRAPHY	3X TO THE -10 PPM	UNPUBLISHED RECORDS	7/72

-------NOTES-----
A VARIES

********** ILLINOIS **********

PROGRAM NAME AND ADDRESS:

RESIDUE SCREENING PROGRAM, BUREAU

NAME OF DIRECTOR:

DORY PAUL

OF MEAT + POULTRY INSPECTION
BOX 587
CENTRALIA IL 62801

ADDRESS OF DIRECTOR:

RESIDUE SCREENING PROGRAM, DIVISION OF MEAT, POULTRY + LIVESTOCK INSPEC
EMERSON BUILDING, STATE FAIRGROUNDS
SPRINGFIELD IL 62706
SEND INQUIRIES ABOUT DATA TO:

RESIDUE SCREENING PROGRAM, BUREAU OF MEAT + POULTRY INSPECTION
BOX 587
CENTRALIA IL 62801

LAST FIRST TITLE
TELEPHONE NUMBER:

618-532-4701
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

DR. RAYMOND O. HILL
TELEPHONE NUMBER:

618-532-4701
EXPECTED DURATION OF MONITORING:

ON-GOING

PURPOSE:
THE ILLINOIS DEPARTMENT OF AGRICULTURE, IN COMPLIANCE WITH THE FEDERAL WHOLESOME MEAT ACT, EXAMINES BOVINE LIVER FOR ORGANO PHOSPHATES AND BOVINE FAT FOR THE PRESENCE OF CHLORINATED HYDROCARBON RESIDUES TO INSURE THE QUALITY OF BEEF BEING PRODUCED.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	120	USDA PROCEDURE BOOK, GAS CHROMATOGRAPH	.01 PPM	PUBLISHED PAPERS, UNPUBLISHED RECORDS	9/71
ORGANO PHOSPHATES	ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	120	USDA PROCEDURE BOOK, GAS CHROMATOGRAPH	.01 PPM	PUBLISHED PAPERS, UNPUBLISHED RECORDS	9/71

-------NOTES-----
A 5 REGIONS

********** ILLINOIS **********

PROGRAM NAME AND ADDRESS:

PUBLIC WATER SUPPLIES-RAW WATER INTAKE MONITORING, ILLINOIS EPA
200 CHURCHILL ROAD
SPRINGFIELD IL 62706

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

BARGANZ RON
LAST FIRST TITLE
TELEPHONE NUMBER:

217-782-2027
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

EXPECTED DURATION OF MONITORING:

PURPOSE:
A GENERAL SCREENING OF RAW WATER FOR CHLORINATED HYDROCARBON PESTICIDES AND PCB:S TO ASCERTAIN THAT LEVELS ARE BELOW THE PROPOSED USEPA DRINKING WATER STANDARDS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	DRINKING WATER	STATE-WIDE	128	PERIODIC	360 (A)	ELECTRON-CAPTURE GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	8/77

-------NOTES-----
A NUMBER VARIES IN DIFFFRENT YFARS

********** ILLINOIS **********

PROGRAM NAME AND ADDRESS:

PRIMARY MONITORING NETWORK
ILLINOIS ENVIRONMENTAL PROTECT.AGCY
2200 CHURCHILL ROAD
SPRINGFIELD IL 62706

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

BARGANZ RON
LAST FIRST TITLE
TELEPHONE NUMBER:

217-782-2027
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

217-782-2027
EXPECTED DURATION OF MONITORING:

PURPOSE:
TO DETERMINE THE LEVELS OF PESTICIDES IN FISH AND SEDIMENT, AND TO MONITOR CHANGES IN THESE LEVELS IN THE ENVIRONMENT. BIOACCUMULATIONS OF PESTICIDES AND PCB'S NEAR MAJOR URBAN AREAS ARE COMPARED WITH SELECTED LOCATIONS NOT UNDER URBAN AND INDUSTRIAL INFLUENCE.
REMARKS:
THE FULL TITLE OF THE PROGRAM IS PRIMARY MONITORING NETWORK-- FISH AND SEDIMENT MONITORING FOR CHLORINATED HYDROCARBON PESTICIDES AND POLYCHLORINATED BIPHENYLS (PCBS).

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, SEDIMENT, ANIMALS (FISH)	STATE-WIDE	125	SPORADIC	250 (A)	ELECTRON-CAPTURE GAS CHROMATOGRAPHY		UNPUBLISHED RECORDS	7/74

-------NOTES-----
A VARIES FROM YEAR TO YEAR

********** ILLINOIS **********

PROGRAM NAME AND ADDRESS:

LAKE MICHIGAN + TRIBUTARIES-MON. OF WATER, WASTEWATER, FISH + SEDIMENT
ILL. EPA, 2200 CHURCHILL ROAD
SPRINGFIELD IL 62706

ADDRESS OF DIRECTOR:

NAME OF DIRECTOR:

BARGANZ RON
LAST FIRST TITLE
TELEPHONE NUMBER:

217-782-2027
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

SAME AS ABOVE
TELEPHONE NUMBER:

217-782-3027

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

PURPOSE:
THE PURPOSE IS TO MONITOR THE LEVELS OF CHLORINATED HYDROCARBON PESTICIDES AND POLYCHLORINATED BIPHENYLS IN WATER, FISH, AND SEDIMENT AND TO ESTABLISH TRENDS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, SEWAGE, SEDIMENT, ANIMALS (FISH)	LOCAL	10 (A)	PERIODIC	120 (A)	ELECTRON-CAPTURE GAS CHROMATOGRAPHY		PUBLISHED PAPERS	7/71

-------NOTES-----
A VARIES

********** INDIANA **********

PROGRAM NAME AND ADDRESS:

WATER QUALITY SURVEILLANCE SECTION
INDIANA STATE BOARD OF HEALTH
1330 W.MICHIGAN STREET
INDIANAPOLIS IN 46206

NAME OF DIRECTOR:

WINTERS JOHN CHIEF OF SECTION
LAST FIRST TITLE
TELEPHONE NUMBER:

317-633-0369

ADDRESS OF DIRECTOR:

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

SAME AS ABOVE
TELEPHONE NUMBER:

317-633-0369

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

PURPOSE:
THE MONITORING PROGRAM IS, AT THIS TIME, LIMITED TO A COOPERATIVE EFFORT BETWEEN THIS OFFICE AND THE INDIANA DEPARTMENT OF NATURAL RESOURCES TO DETERMINE CONCENTRATIONS IN LAKE MICHIGAN FISHES, C. PCB AND PHTHALATE MONITORING PROGRAM, IN THE LAKE MICHIGAN DRAINAGE BASIN. PRESENTLY REQUIRES A TOTAL COMMITMENT FROM THE SYNTHETIC ORGANIC SECTION OF THE LABORATORY.
REMARKS:
PURDUE UNIVERSITY HAS CONDUCTED A GENERAL PESTICIDE INVENTORY OF A NUMBER OF INDIANA LAKES AND RESERVOIRS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	ANIMALS, FOOD	LOCAL	(A)	PERIODIC	(A)	GAS CHROMATOGRAPH		UNPUBLISHED RECORDS	

-------NOTES-----

INDIANA

PROGRAM NAME AND ADDRESS:

PESTICIDE MONITORING IN DAIRY PROD. & OTHER FOODS. INDIANA ST BOARD OF HEALTH. 1330 W. MICHIGAN STREET
INDIANAPOLIS IN

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

FISHER (LAST) FRANK F. (FIRST) DIRECTOR, BUREAU OF FOOD & DRUGS (TITLE)
TELEPHONE NUMBER:

317-633-4708
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

317-633-4708
EXPECTED DURATION OF MONITORING:

AS LONG AS POTENTIAL HAZARDS ATTENDANT TO PESTICIDE USE EXIST.

PURPOSE:
THIS PROGRAM IS DESIGNED TO PROTECT THE HEALTH OF THE CONSUMER BY ASSURING THAT FOODS DO NOT CONTAIN UNSAFE LEVELS OF PESTICIDES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FOOD	STATE-WIDE	25	PERIODIC	700 (A)	FDA MULTIRESIDUE PROCEDURE	GOOD	UNPUBLISHED RECORDS	1/69
ORGANO PHOSPHATES	FOOD	STATE-WIDE	25	PERIODIC	700 (A)	FDA MULTIRESIDUE PROCEDURE	GOOD	UNPUBLISHED RECORDS	1/69

239

------NOTES-----
A AVERAGE

KANSAS

PROGRAM NAME AND ADDRESS:

DIVISION OF ENVIRONMENT, KANSAS ST. DEPT. OF HEALTH AND ENVIRONMENT
BLDG 740, FORBES AIR BASE
TOPEKA KS 66620

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

OZIAS (LAST) ROGER (FIRST) PESTICIDE SPECIALIST (TITLE)
TELEPHONE NUMBER:

913-296-3821
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

913-296-3821
EXPECTED DURATION OF MONITORING:

5 YEARS

PURPOSE:
MONITORING OF PESTICIDE LEVELS IN KANSAS RIVERS AND STREAMS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED	FRESH WATER	STATE-WIDE	41	PERIODIC	276	GC-EC	(NOT	UNPUBLISHED	12/71

HYDROCARBONS
ORGANO PHOSPHATES FRESH WATER STATE-WIDE 41 PERIODIC 275 Gc-EC APPLICABLE) RECORDS
(NOT UNPUBLISHED 12/71
APPLICABLE) RECORDS

********** LOUSIANA **********

PROGRAM NAME AND ADDRESS:

LOUISIANA PESTICIDE MONITORING
FEED & FERTILIZER LABORATORY, LSU
WILSON LABORATORIES, BOX 16390-A
BATON ROUGE LA 70803

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

EPPS ERNEST A.
LAST FIRST TITLE
TELEPHONE NUMBER:

504-388-2755
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

504-388-2755
EXPECTED DURATION OF MONITORING:

PURPOSE:
TO DETERMINE EXTENT TO WHICH AGRICULTURAL USED PESTICIDES ARE AFFECTING SOIL, WATER, WILDLIFE, ETC.

********** MAINE **********

PROGRAM NAME AND ADDRESS:

LIVESTOCK FEED
DEPARTMENT OF AGRICULTURE
STATE OFFICE BUILDING
AUGUSTA ME 04330

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

DEPARTMENT OF AGRICULTURE
DIVISION OF INSPECTION
STATE OFFICE BUILDING
AUGUSTA ME 04330

NAME OF DIRECTOR:

DAVIS CLAYTON DIRECTOR
LAST FIRST TITLE
TELEPHONE NUMBER:

207-289-3841
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

JOHN R. STEVENS
TELEPHONE NUMBER:

207-289-3841
EXPECTED DURATION OF MONITORING:

QUESTIONABLE, NO END IN SIGHT

PURPOSE:
TO DETERMINE THE POSSIBLE PRESENCE OF CHLORINATED HYDROCARBONS (PESTICIDES) AND POLYCHLORINATED BIPHENYLS WHICH HAVE ADVERSE EFFECTS ON ANIMALS ABOVE CERTAIN APPLIED TOLERANCES.
REMARKS:
OTHER RESIDUE CHECKS ARE MADE BY THE MAINE PESTICIDE CONTROL BOARD FOR VARIOUS PESTICIDES, BUT ONLY TO SUCH EXTENT TO DETERMINE MISUSE OF A PESTICIDE.

PESTICIDE CLASS MEDIUM COVERAGE SITES SAMPLING FREQ SP/YR ANALYSIS METHOD ANALYSIS PREC. DATA STORAGE BEGAN

CHLORINATED HYDROCARBONS	(ANIMAL FEEDS)	STATE-WIDE	(A)	CONTINUOUS	120	AOAC, GAS (B) CHROMATOGRAPH	(REPORT TO OUR 0/72 DIVISION)

-------NOTES-----
A ANYWHERE FEEDS ARE HANDLED
B ON BASIS OF APPROXIMATELY 10 PER MONTH

********** MARYLAND **********

PROGRAM NAME AND ADDRESS:

NATIONAL SOIL MONITORING PROGRAM
U.S. DEPT OF AGRICULTURE, APHIS
FEDERAL CENTER BUILDING
HYATTSVILLE MD 20782

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

BRAZZEL (LAST) JAMES R. (FIRST) CHIEF STAFF OFFICER (TITLE)
TELEPHONE NUMBER:

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

PURPOSE:
TO MONITOR THE AGRICULTURAL ENVIRONMENT.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, SEDIMENT, SOIL, PLANTS	STATE-WIDE	424	PERIODIC	10A				7/68
ORGANO PHOSPHATES	FRESH WATER, SEDIMENT, SOIL, PLANTS	STATE-WIDE	424	PERIODIC	10A				7/68
TRIAZINE HERBACIDES	FRESH WATER, SEDIMENT, SOIL, PLANTS	STATE-WIDE	424	PERIODIC	10A				7/68
PHENOXY HERBICIDES	FRESH WATER, SEDIMENT, SOIL, PLANTS	STATE-WIDE	424	PERIODIC	10A				7/68
CARBAMATES	FRESH WATER, SEDIMENT, SOIL, PLANTS	STATE-WIDE	424	PERIODIC	10A				7/68
DITHIOCARBAMATES	FRESH WATER, SEDIMENT, SOIL, PLANTS	STATE-WIDE	424	PERIODIC	10A				7/68
DINITROANILINE	FRESH WATER, SEDIMENT, SOIL, PLANTS	STATE-WIDE	424	PERIODIC	10A				7/68

********** MICHIGAN **********

PROGRAM NAME AND ADDRESS:

MICHIGAN STATE-WIDE WATER SAMPLING
MICH. WATER RESOURCES COMM. DEPT OF

NAME OF DIRECTOR:

HESSE (LAST) JOHN (FIRST) AQUATIC BIOLOGIST (TITLE)

NATRL RESOURCES, STEVEN T. MASON BG
LANSING MI 48926

TELEPHONE NUMBER:
517-373-0927

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

WILLIAM MC CRACKEN
TELEPHONE NUMBER:
517-373-0927

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
DETERMINATION OF PESTICIDE AND INDUSTRIAL ORGANIC CHEMICAL CONCENTRATIONS IN INLAND WATERS, GREAT LAKES WATERS, AND TRIBUTARY WATERS. SUPPLEMENTARY SAMPLING IS CONDUCTED ON STREAM SEDIMENTS, MUNICIPAL WATER INTAKES, GROUNDWATER MUNICIPAL WASTEWATER TREATMENT PLANTS, INDUSTRIAL DISCHARGES AND FISH FROM INLAND AND GREAT LAKES WATERS. SAMPLING IS CONDUCTED ON A PERIODIC BASIS TO ESTABLISH TRENDS, LOCATE POINT SOURCES AND POSSIBLE ENFORCEMENT ACTION.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, SEWAGE, SEDIMENT, ANIMALS (FISH)	STATE-WIDE	(A)	CONTINUOUS	(A)	GAS CHROMATOGRAPHY		COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS (STORET)	6/71
ORGANO PHOSPHATES	FRESH WATER, SEWAGE, SEDIMENT, ANIMALS (FISH)	STATE-WIDE	(A)	CONTINUOUS	(A)	GAS CHROMATOGRAPHY		COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS (STORET)	6/71
TRIAZINE HERBACIDES	FRESH WATER, SEWAGE, SEDIMENT, ANIMALS (FISH)	STATE-WIDE	(A)	CONTINUOUS	(A)	GAS CHROMATOGRAPHY		COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS (STORET)	6/71
PHENOXY HERBICIDES	FRESH WATER, SEWAGE, SEDIMENT, ANIMALS (FISH)	STATE-WIDE	(A)	CONTINUOUS	(A)	GAS CHROMATOGRAPHY		COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS (STORET)	6/71
CARBAMATES	FRESH WATER, SEWAGE, SEDIMENT, ANIMALS (FISH)	STATE-WIDE	(A)	CONTINUOUS	(A)	GAS CHROMATOGRAPHY		COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS (STORET)	6/71
DITHIOCARBAMATES	FRESH WATER, SEWAGE, SEDIMENT, ANIMALS (FISH)	STATE-WIDE	(A)	CONTINUOUS	(A)	GAS CHROMATOGRAPHY		COMPUTER, PUBLISHED PAPERS, UNPUBLISHED RECORDS (STORET)	6/71
DINITROANILINE	FRESH WATER,	STATE-WIDE	(A)	CONTINUOUS	(A)	GAS CHROMATOGRAPHY		COMPUTER,	6/71

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[illegible]      [illegible]   [illegible]   [illegible]   [illegible]   [illegible]
                 SEWAGE,                                                  PUBLISHED
                 SEDIMENT,                                                PAPERS,
                 ANIMALS (FISH)                                           UNPUBLISHED
                                                                          RECORDS
                                                                          (STORET)

-------NOTES-----
A VARIABLE

****************** MICHIGAN                                  ****************

     PROGRAM NAME AND ADDRESS:                NAME OF DIRECTOR:

     MILK + MILK PRODUCTS PESTICIDE MON.      VAN PATTEN          KENNETH    CHIEF
     DEPT OF AGRICULTURE, DAIRY DIV.          LAST                FIRST      TITLE
     LEWIS CASS BUILDING                      TELEPHONE NUMBER:
     LANSING                  MI 48913
                                              517-373-1084
     ADDRESS OF DIRECTOR:                     INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

     SAME AS ABOVE                            SAME AS ABOVE
                                              TELEPHONE NUMBER:

                                              517-373-1084
     SEND INQUIRIES ABOUT DATA TO:            EXPECTED DURATION OF MONITORING:

     SAME AS ABOVE                            CONTINUOUS


       PURPOSE:
            THIS PROGRAM PROVIDES A CONTINUOUS CHECK ON THE MILK SUPPLY OF
       MICHIGAN FOR THE PRESENCE OF PESTICIDE RESIDUES. IF A MAJOR PROBLEM
       DEVELOPS, IT WILL BE KNOWN ALMOST IMMEDIATELY.
       REMARKS:
            THE SOUTHWESTERN PART OF MICHIGAN,S MILK SUPPLY IS MONITORED
       VERY CLOSELY BECAUSE THAT AREA IS A HEAVY FRUIT GROWING AREA. LARGE
       AMOUNTS OF PESTICIDES ARE USED FOR THAT PHASE OF AGRICULTURE AND WE
       FIND THAT IT DOES HAVE A AFFECT ON THE MILK SUPPLY.

PESTICIDE CLASS     MEDIUM          COVERAGE       SITES SAMPLING FREQ SP/YR ANALYSIS METHOD     ANALYSIS PREC. DATA STORAGE   BEGAN

CHLORINATED         FOOD (MILK AND STATE-WIDE            CONTINUOUS     (+   GAS-LIQUID          + OR - 2       UNPUBLISHED    0/65
HYDROCARBONS        MILK PRODUCTS)                                       OR - CHROMATOGRAPHY      PERCENT        RECORDS
                                                                         500)
ORGANO PHOSPHATES   FOOD (MILK AND STATE-WIDE            CONTINUOUS     (+   GAS-LIQUID          + OR - 2       UNPUBLISHED    0/65
                    MILK PRODUCTS)                                       OR - CHROMATOGRAPHY      PERCENT        RECORDS
                                                                         500)

****************** MICHIGAN                                  ****************

     PROGRAM NAME AND ADDRESS:                NAME OF DIRECTOR:

     FRUITS + VEGETABLES PESTICIDE MON.       LEACH               RONALD     CHIEF, FOOD INSPECTION
     MICHIGAN DEPT OF AGRICULTURE             LAST                FIRST      TITLE
     5TH FLOOR, LEWIS CASS BUILDING           TELEPHONE NUMBER:
     LANSING                  MI 48913
                                              517-373-1060
     ADDRESS OF DIRECTOR:                     INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

     SAME AS ABOVE                            SAME AS ABOVE
                                              TELEPHONE NUMBER:
```

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

517-373-1060
EXPECTED DURATION OF MONITORING:

INDEFINITE

PURPOSE:
TO ASSURE CONSUMERS OF FRUIT AND VEGETABLES THAT THESE PRODUCTS ARE WITHIN ESTABLISHED TOLERANCES.

********** MICHIGAN **********

PROGRAM NAME AND ADDRESS:

PESTICIDE PRODUCT MONITORING
MICHIGAN DEPT OF AGRICULTURE, PLANT INDUSTRY DIV. LEWIS CASS BUILDING
LANSING MI 48913

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

LOVITT	DEAN	CHIEF
LAST	FIRST	TITLE

TELEPHONE NUMBER:

517-373-1087
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

517-373-1087
EXPECTED DURATION OF MONITORING:

ON-GOING

PURPOSE:
THE PROGRAM IS DESIGNED TO PROVIDE CONTINUING SURVEY OF PESTICIDES ON THE MARKET TO DETERMINE COMPLIANCE WITH REGISTRATION AND LABELING REQUIREMENTS OF STATE AND FEDERAL LAWS AND TO CHECK PRODUCTS FOR CHEMICAL ANALYSIS, FOR TRUENESS TO LABEL AND FOR CROSS CONTAMINATION.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	REGAN
CHLORINATED HYDROCARBONS	(PESTICIDE PRODUCTS)	STATE-WIDE	(A).	PERIODIC	(B)	AOAC IF AVAILABLE, OTHERWISE, EPA, USDA, OR INDUSTRY	VARIES ACCORDING TO COMPOUND AND METHOD	UNPUBLISHED RECORDS	(C)
ORGANO PHOSPHATES	(PESTICIDE PRODUCTS)	STATE-WIDE	(A)	PERIODIC	(B)	AOAC IF AVAILABLE, OTHERWISE, EPA, USDA, OR INDUSTRY	VARIES ACCORDING TO COMPOUND AND METHOD	UNPUBLISHED RECORDS	(C)
TRIAZINE HERBACIDES	(PESTICIDE PRODUCTS)	STATE-WIDE	(A)	PERIODIC	(B)	AOAC IF AVAILABLE, OTHERWISE, EPA, USDA, OR INDUSTRY	VARIES ACCORDING TO COMPOUND AND METHOD	UNPUBLISHED RECORDS	(C)
PHENOXY HERBICIDES	(PESTICIDE PRODUCTS)	STATE-WIDE	(A)	PERIODIC	(B)	AOAC IF AVAILABLE, OTHERWISE, EPA, USDA, OR INDUSTRY	VARIES ACCORDING TO COMPOUND AND METHOD	UNPUBLISHED RECORDS	(C)
CARBAMATES	(PESTICIDE PRODUCTS)	STATE-WIDE	(A)	PERIODIC	(B)	AOAC IF AVAILABLE, OTHERWISE, EPA, USDA, OR INDUSTRY	VARIES ACCORDING TO COMPOUND AND METHOD	UNPUBLISHED RECORDS	(C)

DITHIOCARBAMATES	(PESTICIDE PRODUCTS)	STATE-WIDE	(A)	PERIODIC	(B)	AOAC IF AVAILABLE, OTHERWISE, EPA, USDA, OR INDUSTRY	VARIES ACCORDING TO COMPOUND AND METHOD	UNPUBLISHED RECORDS	(C)
DINITROANILINE	(PESTICIDE PRODUCTS)	STATE-WIDE	(A)	PERIODIC	(B)	AOAC IF AVAILABLE, OTHERWISE, EPA, USDA, OR INDUSTRY	VARIES ACCORDING TO COMPOUND AND METHOD	UNPUBLISHED RECORDS	(C)

------NOTES-----
A NOT APPLICABLE
B VARIES ACCORDING TO PROBLEMS ENCOUNTERED
C WHEN PRODUCT APPEARED ON THE MARKET

********** MICHIGAN

PROGRAM NAME AND ADDRESS:

GREAT LAKES ENVIRONMENTAL CONTAMNTS SURVEY (GLECS), MICHIGAN DEPT OF AGRICULTURE, LEWIS CASS BLDG-5TH FL
LANSING MI 48933

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

ISLEIB DONALD SCIENCE ADVISOR
LAST FIRST TITLE
TELEPHONE NUMBER:

517-373-1050
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

517-373-1050
EXPECTED DURATION OF MONITORING:

YEAR-TO YEAR-BASIS

PURPOSE:
THE GLECS PROJECT IS AN INTERAGENCY EFFORT TO GATHER SPECIFIC PESTICIDE, PCB, AND MERCURY DATA OF SELECTED SPECIES OF FISH IN THE GREAT LAKES WHICH MAY BE USEFUL TO THE PARTICIPATING AGENCIES FOR THEIR PARTICULAR NEEDS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	ANIMALS	STATE-WIDE	20	PERIODIC	600	GAS-LIQUID CHROMATOGRAPHY, ATOMIC ABSORPTION	.01 PPM	UNPUBLISHED RECORDS	3/72

********** MICHIGAN

PROGRAM NAME AND ADDRESS:

EROSION IN THE ST.JOSEPH RIV BASIN
US GEOLOGICAL SURVEY, WATER RES.DIV
2400 SCIENCE PARKWAY
OKEMOS MI 48864

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

CUMMINGS T. RAY DISTRICT CHIEF
LAST FIRST TITLE
TELEPHONE NUMBER:

517-372-1910, EXT. 561
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

517-372-1910, EXT. 561

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

5 YEARS

PURPOSE:
PESTICIDE DATA COLLECTION IS NOT STRICTLY A MONITORING PROGRAM. DATA WILL BE OBTAINED ON A PERIODIC BASIS AT 10 TO 30 SITES IN THE BASIN AS PART OF AN INVESTIGATION TO DETERMINE RELATION OF AGRICULTURAL LAND-USE PRACTICES TO EROSION. DATA WILL BE STORED IN USGS SYSTEM AND PUBLISHED IN FINAL INTERPRETIVE REPORT. SINCE THE STUDY JUST STARTED ALL PLANS ARE NOT YET FIRM.

REMARKS:
FULL PROJECT TITLE IS--RELATION OF AGRICULTURAL LAND-USE PRACTICES TO EROSION OF CHEMICAL AND PHYSICAL MATERIALS IN THE UPPER REACHES OF ST.JOSEPH RIVER BASIN, MICHIGAN.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, SEDIMENT	LOCAL	(A)	PERIODIC	(B)	STANDARD USGS METHODS		COMPUTER, PUBLISHED PAPERS	9/74
ORGANO PHOSPHATES	FRESH WATER, SEDIMENT	LOCAL	(A)	PERIODIC	(B)	STANDARD USGS METHODS		COMPUTER, PUBLISHED PAPERS	9/74
TRIAZINE HERBACIDES	FRESH WATER, SEDIMENT	LOCAL	(A)	PERIODIC	(B)	STANDARD USGS METHODS		COMPUTER, PUBLISHED PAPERS	9/74
PHENOXY HERBICIDES	FRESH WATER, SEDIMENT	LOCAL	(A)	PERIODIC	(B)	STANDARD USGS METHODS		COMPUTER, PUBLISHED PAPERS	9/74

-------NOTES-----
A 10-30
B 3-5

********** MINNESOTA **********

PROGRAM NAME AND ADDRESS:

WATER QUALITY MONITORING PROGRAM
MINN. POLLUTION CONTROL AGENCY, DIV OF WATER QUAL. 1935 W.COUNTY RD B2
ROSEVILLE MN 55112

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

AFFELDT CRAIG HEAD, WATER QUALITY SUBUNIT
LAST FIRST TITLE

TELEPHONE NUMBER:

612-296-7296

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

612-296-7296

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
TO PROVIDE BACKGROUND DATA ON SIGNIFICANT WATERS OF THE STATE AND TO MAINTAIN SURVEILLANCE OF WATER QUALITY IN KNOWN OR SUSPECTED AREAS OF WATER QUALITY PROBLEMS.

REMARKS:

IN FISCAL YEAR 1975, 103 STATIONS WILL BE SAMPLED SEMIANNUALLY.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER	STATE-WIDE	103	PERIODIC	206	GAS CHROMATOGRAPH	.01 PPB	COMPUTER (STORET)	1/69

•••••••••••••••••• MISSISSIPPI ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

MISSISSIPPI GAME & FISH COMMISSION
P.O. BOX 451
JACKSON MS 39205

ADDRESS OF DIRECTOR:

MISSISSIPPI GAME AND FISH
COMMISSION
P.O. BOX 131
CANTON MS 39046
SEND INQUIRIES ABOUT DATA TO:

MISSISSIPPI GAME AND FISH
COMMISSION
P.O. BOX 131
CANTON MS 39046

NAME OF DIRECTOR:

COTTON DAN FISHERIES BIOLOGIST
LAST FIRST TITLE
TELEPHONE NUMBER:

601-859-3421
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

DAN COTTEN
TELEPHONE NUMBER:

601-859-3421
EXPECTED DURATION OF MONITORING:

AT LEAST 3 YEARS

PURPOSE:
1. TO DETERMINE PESTICIDE RESIDUES IN FISH AND WILDLIFE WITHIN THE STATE AND THEIR SHORT AND LONG TERM EFFECTS ON THE ENVIRONMENT.
2. TO KEEP A CONSTANT CHECK ON THE PESTICIDE RESIDUES IN FISH AND WILDLIFE IN THE STATE.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, SEDIMENT, SOIL, ANIMALS	STATE-WIDE	20	PERIODIC	100	GAS-LIQUID CHROMATOGRAPHY		PUBLISHED PAPERS	2/69

•••••••••••••••••• NEVADA ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

NEVADA DISPOSAL SITE MONITORING
COOPERATIVE EXTENSION SERVICE
COLL. OF AGRIC., UNIV. OF NEVADA
RENO NV 89507

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

SMITH HARRY G. PESTICIDE SPECIALIST
LAST FIRST TITLE
TELEPHONE NUMBER:

702-784-4911
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

702-784-4911
EXPECTED DURATION OF MONITORING:

5-10 YEARS

PURPOSE:
TO DETERMINE MOVEMENT OF PESTICIDES IN THE ENVIRONMENT VIA

PLANTS, ANIMALS, WATER, AIR AND BLOWN SOIL. ALSO TO OBSERVE DEGRADATION TIMES OF THE SEVERAL TYPES COMPOUNDS DISPOSED OF AT THE SITES, SPECIFICALLY THOSE CATALYZED WITH ACIDS OR BASES.

REMARKS:

TO DATE LITTLE OR NO MOVEMENT OF DISPOSED PESTICIDES HAS TAKEN PLACE, FIRST SITE WENT INTO OPERATION IN 1971. THE 4 NEVADA SITES ARE STRICTLY FOR DISPOSAL OF AGRICULTURALLY GENERATED PESTICIDES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	AIR, FRESH WATER, SOIL, PLANTS, ANIMALS, FOOD	STATE-WIDE	4	PERIODIC	100	GAS CHROMATOGRAPHY	90 PERCENT	UNPUBLISHED RECORDS	0/71
ORGANO PHOSPHATES	AIR, FRESH WATER, SOIL, PLANTS, ANIMALS, FOOD	STATE-WIDE	4	PERIODIC	100	GAS CHROMATOGRAPHY	97 PERCENT	UNPUBLISHED RECORDS	0/71
PHENOXY HERBICIDES	AIR, FRESH WATER, SOIL, PLANTS, ANIMALS, FOOD	STATE-WIDE	4	PERIODIC	100	GAS CHROMATOGRAPHY	85 PERCENT	UNPUBLISHED RECORDS	0/71
CARBAMATES	AIR, FRESH WATER, SOIL, PLANTS, ANIMALS, FOOD	STATE-WIDE	4	PERIODIC	100	GAS CHROMATOGRAPHY	90 PERCENT	UNPUBLISHED RECORDS	0/71

•••••••••••••••••• NEW YORK ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

PESTICIDE RESIDUES IN FOOD + ANIMAL FEED, NYS DEPT OF AGRIC + MARKETS
BLDG 8, STATE OFFICE CAMPUS SITE
ALBANY NY 12226

ADDRESS OF DIRECTOR:

PESTICIDE RESIDUES IN FOOD + ANIMAL FEED, NYS DEPT OF AGRIC + MARKETS
BLDG 7-3RD FL, STATE CAMPUS
ALBANY NY 12226
SEND INQUIRIES ABOUT DATA TO:

PESTICIDE RESIDUES IN FOOD + ANIMAL FEED, NYS DEPT OF AGRIC + MARKETS
BLDG 7-3RD FL, STATE CAMPUS
ALBANY NY 12226

NAME OF DIRECTOR:

GEORGE, JR. FLMER
LAST FIRST TITLE

TELEPHONE NUMBER:

518-457-4477

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

518-457-4477

EXPECTED DURATION OF MONITORING:

UNKNOWN-AT LEAST 3 YEARS

PURPOSE:

MONITOR FOODS FOR ADULTERATION AS REGULATORY SUPPORT OF PURE FOOD LAWS AND REGULATIONS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	SOIL, PLANTS, ANIMALS, MAN, FOOD	STATE-WIDE	(A)	CONTINUOUS	2000	FDA P&M		COMPUTER	
ORGANO PHOSPHATES	SOIL, PLANTS, ANIMALS, MAN, FOOD	STATE-WIDE	(A)	CONTINUOUS	2000	FDA P&M		COMPUTER	
TRIAZINE HERBACIDES	PLANTS	STATE-WIDE	(A)	SPORADIC	10	FDA P&M		COMPUTER	

PHENOXY HERRICIDES	PLANTS	STATE-WIDE	(A)	SPORADIC	10	FDA P&M	COMPUTER
CARBAMATES	PLANTS, FOOD	STATE-WIDE	(A)	PERIODIC	100	FDA P&M	COMPUTER
DITHIOCARBAMATES	PLANTS, FOOD	STATE-WIDE	(A)	PERIODIC	100	FDA P&M	COMPUTER
DINITROANILINE	PLANTS, FOOD	STATE-WIDE	(A)	SPORADIC	10	FDA P&M	COMPUTER

-------NOTES-----
A UNKNOWN

********** NORTH CAROLINA **********

PROGRAM NAME AND ADDRESS:

PRIMARY GROUP II NETWORK
N.C. DEPT OF NATURAL & ECON RESOURC
STREAM MON., CLASS.BRCH, BOX 27687
RALEIGH NC 27611

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

TAYLOR JULIAN R. HEAD
LAST FIRST TITLE
TELEPHONE NUMBER:

919-829-4740
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

919-829-4740
EXPECTED DURATION OF MONITORING:

PERMANENT

PURPOSE:
THE GROUP II PRIMARY MONITORING NETWORK CONSISTS OF THIRTY-THREE SAMPLING STATIONS SELECTED TO MEASURE WATER QUALITY BELOW CLUSTERED POLLUTION SOURCES, NON-POINT SOURCES, AND IN WATER SUSPECTED OF ACCUMULATING POLLUTANTS. PESTICIDE DETERMINATIONS FOR DDT, DDE, DIELDRIN, AND ENDRIN WILL BE MADE AT EACH SITE ANNUALLY ON WATER, FISH, AND SEDIMENT.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, MARINE WATER, SEDIMENT, ANIMALS	STATE-WIDE	33	PERIODIC	99	GAS CHROMATOGRAPHIC	17 - 42 PERCENT	COMPUTER (STORET)	11/73

********** OHIO **********

PROGRAM NAME AND ADDRESS:

PESTICIDE MON OF OHIO SURFACE WATERS
DIV OF SURVEILLANCE, OHIO E.P.A.
361 E.BROAD STREET
COLUMBUS OH 43215

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

NAME OF DIRECTOR:

BIRCH THOMAS CHIEF, ENVIRON. EVAL., SECTION
LAST FIRST TITLE
TELEPHONE NUMBER:

614-466-8313
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

DIANA REED
TELEPHONE NUMBER:

614-466-8315
EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

CONTINUING PROGRAM AT THIS TIME

PURPOSE:
THE PURPOSE OF THE PESTICIDE MONITORING PROGRAM IS TO MAINTAIN THE WATER QUALITY OF SURFACE WATERS AT LEVELS CONSIDERED SAFE FOR THE CITIZENS AND ENVIRONMENT OF OHIO.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER	STATE-WIDE	24	PERIODIC	414	GAS CHROMATOGRAPHY	90 PERCENT	COMPUTER, PUBLISHED PAPERS	4/73

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PROGRAM NAME AND ADDRESS:

PESTICIDE NON-PUBLIC WATER SUPPLIES
OHIO ENVIRONMENTAL PROTECTION AGNCY
361 EAST BROAD STREET
COLUMBUS OH 43215

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

APPLEGATE KENNETH CHIEF, WATER QUALITY
LAST FIRST TITLE
TELEPHONE NUMBER:

614-466-8387
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

K.L. APPLEGATE/J.A. FIFE
TELEPHONE NUMBER:

614-466-8387
EXPECTED DURATION OF MONITORING:

INDEFINITE

PURPOSE:
THE WIDESPREAD USE OF PESTICIDES CREATES A POTENTIAL FOR CONTAMINATION OF SURFACE WATERS. FOR THIS REASON THE OHIO ENVIRONMENTAL PROTECTION AGENCY HAS EXTENDED ITS SURVEILLANCE PROGRAM TO INCLUDE THE MONITORING OF PUBLIC SURFACE WATER SUPPLIES FOR THE PRESENCE OF SUCH PESTICIDES.
REMARKS:
THE PRECISION OF ANALYSES REPORTED ARE EXPRESSED AS PERCENT RECOVERY AGAINST KNOWN STANDARDS OF .05 TO .5 PPB RANGE. ANALYSES ARE PERFORMED BY THE LABORATORY PERSONNEL OF THE OHIO DEPARTMENT OF HEALTH, BUREAU OF LABORATORIES, UNDER THE DIRECTION OF DR.C.C.CROFT.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	DRINKING WATER	STATE-WIDE	168	PERIODIC	400	GAS CHROMATOGRAPH	91.6 PERCENT	COMPUTER, UNPUBLISHED RECORDS (STORET)	7/73
ORGANO PHOSPHATES	DRINKING WATER	STATE-WIDE	168	PERIODIC	400	GAS CHROMATOGRAPH	89.7 PERCENT	COMPUTER, UNPUBLISHED RECORDS (STORET)	7/73

[illegible] OKLAHOMA ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

[illegible] STATE DEPARTMENT OF AGRICULTURE

NAME OF DIRECTOR:

[illegible] [illegible] CHIEF, WATER QUALITY

OKLAHOMA WATER RESOURCES BOARD
2241 NW 40TH
OKLAHOMA CITY OK 73112

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

LAST FIRST TITLE
TELEPHONE NUMBER:

405-521-7808
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

ZACK WILLIAMS
TELEPHONE NUMBER:

405-521-7808
EXPECTED DURATION OF MONITORING:

3 YEARS

PURPOSE:
THE MONITORING PROGRAM WAS ESTABLISHED IN CONJUNCTION WITH THE RESEARCH PROJECT TO DETERMINE THE BEST METHODS OF CONTROL OF MYRIOPHYLLUM SPICATUM IN A RESERVOIR USED FOR MUNICIPAL WATER SUPPLY, IRRIGATION, AND RECREATION. THE MONITORING PROGRAM INSURES THAT EPA'S TEMPORARY TOLERANCE OF 0.1 PPM OF 2,4-D IN POTABLE WATER SUPPLIES IS NOT EXCEEDED.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, DRINKING WATER, SEDIMENT, PLANTS, ANIMALS	LOCAL	18	PERIODIC	371	OKLA. STATE DEPT. OF AGRICULTURE	(NOT APPLICABLE)	UNPUBLISHED RECORDS	1/74

251 •••••••••••••••••• OKLAHOMA ••••••••••••••••••

PROGRAM NAME AND ADDRESS:

AGRICULTURAL PESTICIDE MONITORING
OKLA. STATE DEPT. OF AGRICULTURE
122 CAPITOL BUILDING
OKLAHOMA CITY OK 73105

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

GIBSON JOHN SUPT (SOR
LAST FIRST TITLE
TELEPHONE NUMBER:

405-521-3883
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

ENTO. SECTION, PLANT INDUSTRY DIV.
TELEPHONE NUMBER:

405-521-3883
EXPECTED DURATION OF MONITORING:

3 YEARS

PURPOSE:
TO DETERMINE THE PRESENCE, AMOUNT, AND TREND OF AGRICULTURE PESTICIDES IN THE ENVIRONMENT WITH EMPHASIS ON WATER AND SEDIMENT FROM STREAMS AND IMPOUNDMENTS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, SEDIMENT,	STATE-WIDE		PERIODIC		FWPCA	LESS THAN 1 PPB	UNPUBLISHED RECORDS	

ORGANO PHOSPHATES	PLANTS, FOOD FRESH WATER, SEDIMENT,	STATE-WIDE	PERIODIC	FWPCA	LESS THAN 1 PPB	UNPUBLISHED RECORDS	
PHENOXY HERBICIDES	PLANTS, FOOD FRESH WATER, SEDIMENT,	STATE-WIDE	SPORADIC	USGS	LESS THAN .1 PPB	UNPUBLISHED RECORDS	

********** OKLAHOMA **********

PROGRAM NAME AND ADDRESS:

ENVIRONMENTAL MONITORING PROGRAM
OKLAHOMA STATE DEPARTMENT OF HEALTH
N.E. 10TH AND STONEWALL
OKLAHOMA CITY OK 73105

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

COLEMAN MARK DIRECTOR
LAST FIRST TITLE
TELEPHONE NUMBER:

405-271-5240
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

405-271-5240
EXPECTED DURATION OF MONITORING:

INDEFINITELY

PURPOSE:
PROVIDE INFORMATION PERTAINING TO ENVIRONMENTAL PROBLEMS, ESTABLISH NORMAL LEVELS OF VARIOUS POLLUTANTS, FLUCIDATE EXISTING AND POTENTIAL PROBLEMS, MONITOR LONG-TERM TRENDS IN WATER QUALITY, AND PROVIDE DATA FOR ENFORCEMENT PROBLEMS.
REMARKS:
PROGRAM FUNCTIONS THROUGH COUNTY HEALTH DEPARTMENTS, FREQUENCY AND SITES SAMPLED ARE AT THE DISCRETION OF THE COUNTY SANITARIANS. SAMPLING IS DONE PRINCIPALLY IN RESPONSE TO SUSPECTED PROBLEMS (EXISTING OR POTENTIAL).

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, DRINKING WATER, SEWAGE	STATE-WIDE	1960	SPORADIC	50	GAS CHROMATOGRAPH	+ OR - 10 PERCENT	COMPUTER (STORET)	2/73
ORGANO PHOSPHATES	FRESH WATER, DRINKING WATER, SEWAGE	STATE-WIDE	1960	SPORADIC	50	GAS CHROMATOGRAPH	+ OR - 10 PERCENT	COMPUTER (STORET)	2/73

********** OREGON **********

PROGRAM NAME AND ADDRESS:

OREGON STATE DEPARTMENT
OF AGRICULTURE
635 CAPITOL ST. N.E.
SALEM OR 97310

ADDRESS OF DIRECTOR:

SAME AS ABOVE

NAME OF DIRECTOR:

HILTY VIRGIL CHIEF CHEMIST
LAST FIRST TITLE
TELEPHONE NUMBER:

503-378-3793
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

503-378-3793

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

PURPOSE:
FRESH FRUITS, VEGETABLES, MILK AND OTHER DAIRY PRODUCTS BIANNUALLY SAMPLED AND SCREENED FOR PESTICIDES. BY AGREEMENT WITH THE U.S. FOREST SERVICE AND OREGON STATE FORESTRY DEPARTMENT, WE ANALYZE ENVIRONMENTAL SAMPLES RELATED TO ALL FOREST SPRAY PROJECTS IN OREGON, PARTS OF CALIFORNIA, AND WASHINGTON.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FOOD	STATE-WIDE		PERIODIC		GAS CHROMATOGRAPHY	10 PPB	UNPUBLISHED RECORDS	
ORGANO PHOSPHATES	FOOD	STATE-WIDE		PERIODIC			10 PPB	UNPUBLISHED RECORDS	
PHENOXY HERBICIDES	FOOD	STATE-WIDE		PERIODIC			10 PPB	UNPUBLISHED RECORDS	

********** RHODE ISLAND **********

PROGRAM NAME AND ADDRESS:

PESTICIDE RESIDUE PROGRAM--I
RHODE ISLAND DEPT. OF HEALTH
HEALTH BLDG., DAVIS STREET
PROVIDENCE RI 02903

NAME OF DIRECTOR:

CANNON JOSEPH DIRECTOR
LAST FIRST TITLE

TELEPHONE NUMBER:

401-277-2233

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

401-277-2233

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

CONTINUING PROGRAM

PURPOSE:
THE FIRST MONITORING PROGRAM IS CONCERNED WITH THE ANALYSIS OF POTABLE AND OTHER WATER SAMPLES FOR COMMON CHLORINATED PESTICIDES TO INSURE THAT CERTAIN WATER SOURCES CONTAIN LESS THAN THE MAXIMUM ALLOWABLE TOLERANCE OF CERTAIN PESTICIDES. LIMITED NUMBER OF SAMPLES ARE TESTED FOR ORGANOPHOSPHATE AND CARBAMATE PESTICIDES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER, DRINKING WATER	STATE-WIDE	(A)	CONTINUOUS	195 (B)	METHOD OF FEDERAL WATER POLLUTION CONTROL ADMINIS.	UNKNOWN	UNPUBLISHED RECORDS	0/72
ORGANO PHOSPHATES	FRESH WATER, DRINKING WATER	STATE-WIDE	(A)	SPORADIC	(C)	METHOD OF FEDERAL WATER POLLUTION CONTROL ADMINIS.	UNKNOWN	UNPUBLISHED RECORDS	0/72

CARBAMATES	FRESH WATER, DRINKING WATER	STATE-WIDE	(A)	SPORADIC	20 (D)	AOAC		UNKNOWN	UNPUBLISHED RECORDS	0/73

-------NOTES-----
A UNKNOWN
B IN 1974
C LESS THAN 10 IN 1974--SOME ORGANOPHOSPHATES ARE DETECTABLE BY THE CHLORINATED METHOD AND GROSS CONTAMINATION OF A WATER SOURCE WOULD LIKELY BE DETECTED BY THE METHOD.
D APPROXIMATELY

********** RHODE ISLAND **********

PROGRAM NAME AND ADDRESS:

PESTICIDE RESIDUE PROGRAM--II
RHODE ISLAND DEPT. OF HEALTH
HEALTH BLDG., DAVIS STREET
PROVIDENCE RI 02903

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

CANNON JOSEPH DIRECTOR
LAST FIRST TITLE
TELEPHONE NUMBER:

401-277-2233
INQUIRIES ABOUT THE DATA MAY BE SHOWED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

401-277-2233
EXPECTED DURATION OF MONITORING:

CONTINUING PROGRAM

PURPOSE:
THE SECOND PROGRAM IN PESTICIDES IS CONCERNED WITH THE ANALYSIS OF A BROAD RANGE OF FOOD TYPES FOR COMMON CHLORINATED PESTICIDES AND CERTAIN ORGANOPHOSPHATE PESTICIDES TO INSURE THAT FOOD SUPPLIES CONTAIN LESS THAN LEGAL TOLERANCE AMOUNTS. POLYCHLORINATED BIPHENYLS ARE DETERMINED WHEN FOUND IN SAMPLES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	REGAN
CHLORINATED HYDROCARBONS	FOOD	STATE-WIDE, (IMPORTS)	(A)	CONTINUOUS	250 (B)	PESTICIDE ANALYTICAL MANUAL (PAM) METHODS	UNKNOWN	UNPUBLISHED RECORDS	0/67
ORGANO PHOSPHATES	FOOD	STATE-WIDE, (IMPORTS)	(A)	CONTINUOUS	(C)	PAM METHODS	UNKNOWN	UNPUBLISHED RECORDS	0/67
CARBAMATES	FOOD	STATE-WIDE	(A)	SPORADIC	(D)	AOAC	UNKNOWN	UNPUBLISHED RECORDS	0/68

-------NOTES-----
A UNKNOWN
B APPROXIMATELY
C NO SET NUMBER OF ORGANOPHOSPHATES ARE DETERMINED. THE METHOD FOR CHLORINATEDS WOULD DETECT SOME BECAUSE OF ITS PROCEDURE AND GROSS CONTAMINATION OF A FOOD SAMPLE WOULD SHOW UP USING THIS MULTIRESIDUE METHOD. CERTAIN ORGANOPHOSPHATES WOULD BE SEEN ONLY.
D VARIABLE, 10-20

********** SOUTH CAROLINA **********

PROGRAM NAME AND ADDRESS:

SURVEILLANCE AND ANALYSIS
DEPT OF HEALTH + ENVIRONMENTAL CONT
2600 BULL STREET
COLUMBIA SC 29201

NAME OF DIRECTOR:

HURLEY NOEL DIRECTOR
LAST FIRST TITLE
TELEPHONE NUMBER:

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

803-758-5531
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

803-758-5531
EXPECTED DURATION OF MONITORING:

INDEFINITE

PURPOSE:
TO IDENTIFY AND EVALUATE PESTICIDE CONTAMINATION ON THE WATER QUALITY OF RIVERS AND LAKES IN THE STATE. SECOND, TO IDENTIFY THOSE AREAS IN THE STATE REQUIRING STRINGENT CONTROLS ON PESTICIDE APPLICATION. THIRD, TO IDENTIFY THE TYPES OF PESTICIDES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER	STATE-WIDE		PERIODIC		GAS CHROMATOGRAPH		COMPUTER	
ORGANO PHOSPHATES	FRESH WATER	STATE-WIDE		PERIODIC		GAS CHROMATOGRAPH		COMPUTER	

********** SOUTH DAKOTA

PROGRAM NAME AND ADDRESS:

SOLID WASTE PROGRAM, SOUTH DAKOTA
DEPT OF ENVIRONMENTAL PROTECTION
BUILDING NUMBER 2
PIERRE SD 57501

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

DISRUD RONALD PROGRAM CHIEF
LAST FIRST TITLE
TELEPHONE NUMBER:

605-224-3351
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

605-224-3351
EXPECTED DURATION OF MONITORING:

2-3 YEARS

PURPOSE:
THE DEPARTMENT OF ENVIRONMENTAL PROTECTION DOES NOT AT PRESENT HAVE A PESTICIDE MONITORING PROGRAM. HOWEVER, WE DO HAVE MONITORING EQUIPMENT IN CASE THE EPA DOES BEGIN ANOTHER ACTIVE MONITORING PROGRAM OR IN THE EVENT A PESTICIDE ACCIDENT INVOLVES THE NECESSITY OF A MONITORING ACTIVITY.

********** TENNESSEE

PROGRAM NAME AND ADDRESS:

PESTICIDES
TENNESSEE DEPT. OF AGRICULTURE
FOOD + DRUG DIVISION, P.O.BOX 40627
NASHVILLE TN 37204

ADDRESS OF DIRECTOR:

NAME OF DIRECTOR:

HOLEMAN EUGENE DIRECTOR
LAST FIRST TITLE
TELEPHONE NUMBER:

615-741-7411
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

SAME AS ABOVE
TELEPHONE NUMBER:

615-741-1411
SEND INQUIRIES ABOUT DATA TO: EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

PURPOSE:
SAMPLES OF DAIRY PRODUCTS FROM PRODUCERS OR PROCESSORS AND SAMPLES OF MEAT TISSUE FROM SLAUGHTERING PLANTS ARE TESTED FOR BOTH CHLORONATED AND PHOSPHATED HYDROCARBONS. WE ALSO GET PLANT SAMPLES (AND WATER AND SOIL) FROM ANOTHER DIVISION OF THE TENNESSEE DEPT. OF AGRICULTURE.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	REGAN
CHLORINATED HYDROCARBONS	FOOD	STATE-WIDE		CONTINUOUS		AOAC + PAM VOL. T. GAS CHROMATOGRAPHY	.1	UNPUBLISHED RECORDS	6/61
ORGANO PHOSPHATES	FOOD	STATE-WIDE		CONTINUOUS		AOAC + PAM VOL. T. GAS CHROMATOGRAPHY	.1	UNPUBLISHED RECORDS	6/61
PHENOXY HERBICIDES	PLANTS					AOAC + PAM VOL.T. THIN-LAYER CHROMATOGRAPHY	1.0	UNPUBLISHED RECORDS	6/61

•••••••••••••••••• TEXAS ••••••••••••••••••

256

PROGRAM NAME AND ADDRESS: NAME OF DIRECTOR:

PESTICIDES PROJECT MILLER FRED M. SPECIAL PROJECT DIRECTOR
TEXAS STATE HEALTH DEPARTMENT LAST FIRST TITLE
152 E. STENGER TELEPHONE NUMBER:
SAN BENITO TX 78586

ADDRESS OF DIRECTOR: INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE SAME AS ABOVE
TELEPHONE NUMBER:

SEND INQUIRIES ABOUT DATA TO: EXPECTED DURATION OF MONITORING:

SAME AS ABOVE

PURPOSE:
WE HAVE MONITORED STREAMS, AIR, HUMAN HEALTH, BLOOD AND ADIPOSE RESIDUES. AT PRESENT ALL OF THESE ACTIVITIES HAVE BEEN TERMINATED AND ONLY SHORT-TERM STUDIES ARE BEING PURSUED.

•••••••••••••••••• TEXAS ••••••••••••••••••

PROGRAM NAME AND ADDRESS: NAME OF DIRECTOR:

PESTICIDE RESIDUE LABORATORY IVIE DAVID DIRECTOR
TEXAS DEPARTMENT OF AGRICULTURE LAST FIRST TITLE
P.O. BOX 12847, CAPITOL STATION TELEPHONE NUMBER:

AUSTIN Tx 78711

512-475-4457

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

512-475-4457

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
THE PRIMARY PURPOSE OF THE MONITORING PROGRAM IS TO ANALYZE RAW AGRICULTURAL PRODUCTS IN ORDER TO PROVIDE THE PRODUCERS WITH INFORMATION WHICH WILL LET HIM KNOW WHEN HIS CROPS CAN BE MARKETED.

REMARKS:
THERE ARE TWO LABORATORIES LOCATED WITHIN THE STATE, BRENHAM LABORATORY, 200 E.MORTON, BRENHAM, TEXAS 77833, WILLIAM MCCASLAND, CHEMIST, AND MOBILE LABORATORY, 213 PARK STREET, PHARR, TEXAS 78577, WILFORD LUCAS, CHEMIST.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	PLANTS, ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	(B)	GAS CHROMATOGRAPHY	PPT	COMPUTER	9/65
ORGANO PHOSPHATES	PLANTS, ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	(B)	GAS CHROMATOGRAPHY	PPT	COMPUTER	9/65
TRIAZINE HERBACIDES	PLANTS, ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	(B)	GAS CHROMATOGRAPHY	PPT	COMPUTER	9/65
PHENOXY HERBICIDES	PLANTS, ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	(B)	GAS CHROMATOGRAPHY	PPT	COMPUTER	9/65
CARBAMATES	PLANTS, ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	(B)	GAS CHROMATOGRAPHY	PPT	COMPUTER	9/65
DITHIOCARBAMATES	PLANTS, ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	(B)	GAS CHROMATOGRAPHY	PPT	COMPUTER	9/65
DINITROANILINE	PLANTS, ANIMALS, FOOD	STATE-WIDE	(A)	CONTINUOUS	(B)	GAS CHROMATOGRAPHY	PPT	COMPUTER	9/65

-------NOTES-----
A INFINITE
B 3000-3500

********** TEXAS **********

PROGRAM NAME AND ADDRESS:

LAND INVENTORY & MONITORING PROGRAM
USDA, SOIL CONSERVATION SERVICE
P.O. BOX 648
TEMPLE Tx 76501

NAME OF DIRECTOR:

ARNOTT JAMES ASST STATE CONSERVATIONIST
LAST FIRST TITLE

ADDRESS OF DIRECTOR:

SAME AS ABOVE

TELEPHONE NUMBER:

817-773-1711, EXT. 331

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

RAYMOND T. DIDERIKSON, DIRECTOR

TELEPHONE NUMBER:

202-447-6424

SEND INQUIRIES ABOUT DATA TO:

EXPECTED DURATION OF MONITORING:

U.S. DEPT OF AGRICULTURE
SOIL CONSERVATION SERVICE
LAND INVENTORY + MONITORING DIV
WASHINGTON DC 20250

PURPOSE:
PRIMARY PRIORITIES DEFINED IN SECT.302, TITLE III, RURAL DEVELOPMENT ACT OF 1972 (PL-92-419). THE INVENTORY WILL INCLUDE BUT NOT BE LIMITED TO SURVEYING EXISTING EXTENT AND CONDITION OF AVAILABLE SOIL, WATER AND RELATED RESOURCES AND MONITORING CHANGES OR TRENDS IN USE AND TREATMENT OF THOSE RESOURCES. SPECIAL EMPHASIS ON STUDIES AND SURVEYS OF EROSION AND SEDIMENT DAMAGE, FLOOD PLAIN IDENTIFICATION AND UTILIZATION, LAND USE CHANGES AND TRENDS, ENVIRONMENTAL DEGRADATION AND RESOURCE CONDITIONS.

**********UTAH**********

PROGRAM NAME AND ADDRESS:

UTAH COMMUNITY PESTICIDE SURVEY
UTAH STATE DIVISION OF HEALTH
44 MEDICAL DRIVE
SALT LAKE CITY UT 84113

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

SOUTHWICK J. WANLESS CHIEF, HEALTH EFFECTS SECTION
LAST FIRST TITLE
TELEPHONE NUMBER:

801-328-6121
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

801-328-6121
EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
MOST OF THE SAMPLING HAS BEEN DESIGNED TO ASSESS THE MAGNITUDE OF PESTICIDE PROBLEMS IN UTAH. THE GREATEST EFFORT HAS BEEN TO MONITOR THE HEALTH OF PEOPLE WITH OCCUPATIONAL PESTICIDE EXPOSURE.
REMARKS:
A FEW SAMPLES ARE ANALYZED FOR TRIAZINE HERBICIDES, PHENOXY HERBICIDES, AND CARBAMATES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	AIR, FRESH WATER, DRINKING WATER, SEWAGE, SOIL, ANIMALS, MAN, FOOD, (HOUSEDUST)	LOCAL, STATE-WIDE	(A)	PERIODIC	1200	GAS-LIQUID CHROMATOGRAPHY	PPB	COMPUTER, UNPUBLISHED RECORDS (IBM 370)	1/68
CHLORINATED HYDROCARBONS	AIR, FRESH WATER, DRINKING WATER, SEWAGE, SOIL, ANIMALS, MAN, FOOD, (HOUSEDUST)	LOCAL, STATE-WIDE	(A)	PERIODIC	1200	GAS-LIQUID CHROMATOGRAPHY	PPB	COMPUTER, UNPUBLISHED RECORDS (IBM 370)	1/68

-------NOTES-----
A NOT APPLICABLE

**********VIRGINIA **********

PROGRAM NAME AND ADDRESS:

BUREAU OF SURVEILLANCE & FIELD
STUDIES, DIVISION OF MONITORING
STATE WATER CONTROL BD, BOX 11143
RICHMOND VA 23230

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

NAME OF DIRECTOR:

MC SYDE ROBERT DIRECTOR, DIVISION OF MONITORING
LAST FIRST TITLE

TELEPHONE NUMBER:

804-770-1411

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE

TELEPHONE NUMBER:

804-770-1411

EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
OPERATES 100 STATIONS THROUGHOUT STATE TO MONITOR WATER. SAMPLES TAKEN BI-ANNUALLY, DEPENDING UPON SEASON OF SPRAYING OR APPLICATION, OR AT TIMES WHEN PESTICIDE RESIDUES SUSPECTED, IF PROBLEM FOUND, ADDITIONAL SAMPLES MAY BE TAKEN, SUCH AS OF FISH, BOTTOM SEDIMENTS, ETC.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	FRESH WATER; MARINE WATER	STATE-WIDE	100	PERIODIC	200	CHROMATOGRAPH		UNPUBLISHED RECORDS	1/73
ORGANO PHOSPHATES	FRESH WATER; MARINE WATER	STATE-WIDE	100	PERIODIC	200			UNPUBLISHED RECORDS	1/73
DINITROANILINE	FRESH WATER; MARINE WATER	STATE-WIDE	100	PERIODIC	200			UNPUBLISHED RECORDS	1/73

**********WEST VIRGINIA **********

PROGRAM NAME AND ADDRESS:

PESTICIDES AND HONEY BEES
WEST VIRGINIA DEPT OF AGRICULTURE
CAPITOL BUILDING
CHARLESTON WV 25305

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

PESTICIDES & HONEY BEES PROGRAM
WEST VIRGINIA DEPT OF AGRICULTURE,
LABORATORIES DIVISION
CHARLESTON WV 25305

NAME OF DIRECTOR:

COLE ALBERT DIRECTOR
LAST FIRST TITLE

TELEPHONE NUMBER:

304-348-2212

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

DR. JAMES SMITH

TELEPHONE NUMBER:

304-348-2208

EXPECTED DURATION OF MONITORING:

UNKNOWN AT THIS TIME

PURPOSE:
HONEY BEES FROM APIARIES LOCATED STATE-WIDE ARE COLLECTED PRIOR TO NECTAR FLOW, DURING FLOW AND AFTER SEASON FOR ANALYSIS.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN

CHLORINATED HYDROCARBONS	(HONEY BEES)	STATE-WIDE	10	PERIODIC	30	PAM 212	UNPUBLISHED RECORDS	4/76
ORGANO PHOSPHATES	(HONEY BEES)	STATE-WIDE	10	PERIODIC	30	JAOAC VOL. 54--513	UNPUBLISHED RECORDS	4/76
CARBAMATES	(HONEY BEES)	STATE-WIDE	10	PERIODIC	30	MODIFIED THIN-LAYER CHROMATOGRAPHY	UNPUBLISHED RECORDS	4/76

********** WISCONSIN **********

PROGRAM NAME AND ADDRESS:

FOOD + FEED MONITORING PROGRAM--I
WISCONSIN DEPT. OF AGRICULTURE
801 WEST BADGER ROAD
MADISON WI 53713

ADDRESS OF DIRECTOR:

FOOD + FEED MONITORING PROGRAM, WISC
DEPT. OF AGRIC.+ GENERAL LABOR DIV.
4702 UNIVERSITY AVENUE
MADISON WI 53705
SEND INQUIRIES ABOUT DATA TO:

FOOD + FEED MONITORING PROGRAM, WISC
DEPT. OF AGRIC.+ GENERAL LABOR DIV.
4702 UNIVERSITY AVENUE
MADISON WI 53705

NAME OF DIRECTOR:

MYRDAL GERALD DIRECTOR, BUREAU OF CHEMISTRY
LAST FIRST TITLE
TELEPHONE NUMBER:

608-266-2761
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

GERALD MYRDAL+ DIRECTOR
TELEPHONE NUMBER:

608-266-2761
EXPECTED DURATION OF MONITORING:

CONTINUOUS

PURPOSE:
ONE OF THE DEPARTMENT.S REGULATORY FUNCTIONS IS TO MONITOR HUMAN AND ANIMAL FOOD SUPPLIES FOR PESTICIDAL CHEMICALS TO INSURE CONSUMERS THAT ANY PESTICIDE RESIDUE IN OR ON THESE PRODUCTS IS WITHIN LIMITS DEEMED TO BE SAFE FOR CONSUMPTION. INVESTIGATIONS INTO CONTAMINATED PRODUCTS ARE CONDUCTED.
REMARKS:
THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES MONITORS AIR, WATER, SEWAGE, FISH AND VARIOUS OTHER ENVIRONMENTAL SAMPLES FOR PESTICIDES.

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS SPEC.	DATA STORAGE	REGAN
CHLORINATED HYDROCARBONS	FOOD	STATE-WIDE		CONTINUOUS	4400	HOUSEFLY BIOASSAY, GAS-LIQUID CHROMATOGRAPHY	0.1 PPM, 1 PPB	UNPUBLISHED RECORDS	0/64
ORGANO PHOSPHATES	FOOD	STATE-WIDE		CONTINUOUS	700	HOUSEFLY BIOASSAY, GAS-LIQUID CHROMATOGRAPHY	0.1 PPM, 10 PPB	UNPUBLISHED RECORDS	0/64
CARBAMATES	FOOD	STATE-WIDE		CONTINUOUS	700	HOUSEFLY BIOASSAY, GAS-LIQUID CHROMATOGRAPHY	0.1 PPM, 10 PPB	UNPUBLISHED RECORDS	0/64

********** WISCONSIN **********

PROGRAM NAME AND ADDRESS:

FOOD + FEED MONITORING PROGRAM--II
WISCONSIN DEPT. OF AGRICULTURE
801 WEST BADGER ROAD
MADISON WI 53713

NAME OF DIRECTOR:

MYRDAL GERALD DIRECTOR, BUREAU OF CHEMISTRY
LAST FIRST TITLE
TELEPHONE NUMBER:

608-266-2761

ADDRESS OF DIRECTOR:

FOOD + FEED MONITORING PROGRAM, WISC
DEPT. OF AGRIC., GENERAL LABOR DIV.
4702 UNIVERSITY AVENUE
MADISON WI 53705
SEND INQUIRIES ABOUT DATA TO:

FOOD + FEED MONITORING PROGRAM, WISC
DEPT. OF AGRIC., GENERAL LABOR DIV.
4702 UNIVERSITY AVENUE
MADISON WI 53705

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

GERALD MYRDAL, DIRECTOR
TELEPHONE NUMBER:

608-266-2761
EXPECTED DURATION OF MONITORING:

CONTINUOUS

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	SOIL, PLANTS	STATE-WIDE		PERIODIC	50	GAS-LIQUID CHROMATOGRAPHY	1 PPB	UNPUBLISHED RECORDS	0/64
ORGANO PHOSPHATES	SOIL, PLANTS	STATE-WIDE		PERIODIC	50	GAS-LIQUID CHROMATOGRAPHY	10 PPB	UNPUBLISHED RECORDS	0/64
TRIAZINE HERBACIDES	SOIL, PLANTS	STATE-WIDE		SPORADIC	12	GAS-LIQUID CHROMATOGRAPHY	10 PPB	UNPUBLISHED RECORDS	0/68
PHENOXY HERBICIDES	SOIL, PLANTS	STATE-WIDE		SPORADIC	32	GAS-LIQUID CHROMATOGRAPHY	10 PPB	UNPUBLISHED RECORDS	0/64
CARBAMATES	SOIL, PLANTS	STATE-WIDE		SPORADIC	43	COLORIMETRIC, GAS-LIQUID CHROMATOGRAPHY	10 PPB	UNPUBLISHED RECORDS	0/64
DITHIOCARBAMATES	SOIL, PLANTS	STATE-WIDE		SPORADIC	17	CO2 EVOLUTION	0.1 PPM	UNPUBLISHED RECORDS	0/71

WISCONSIN

PROGRAM NAME AND ADDRESS:

FOOD + FEED MONITORING PROGRAM--III
WISCONSIN DEPT. OF AGRICULTURE
801 WEST BADGER ROAD
MADISON WI 53713

ADDRESS OF DIRECTOR:

FOOD + FEED MONITORING PROGRAM, WISC
DEPT. OF AGRIC., GENERAL LABOR DIV.
4702 UNIVERSITY AVENUE
MADISON WI 53705
SEND INQUIRIES ABOUT DATA TO:

FOOD + FEED MONITORING PROGRAM, WISC
DEPT. OF AGRIC., GENERAL LABOR DIV.
4702 UNIVERSITY AVENUE
MADISON WI 53705

NAME OF DIRECTOR:

MYRDAL GERALD DIRECTOR, BUREAU OF CHEMISTRY
LAST FIRST TITLE
TELEPHONE NUMBER:

608-266-2761
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

GERALD MYRDAL, DIRECTOR
TELEPHONE NUMBER:

608-266-2761
EXPECTED DURATION OF MONITORING:

CONTINUOUS

PESTICIDE CLASS	MEDIUM	COVERAGE	SITES	SAMPLING FREQ	SP/YR	ANALYSIS METHOD	ANALYSIS PREC.	DATA STORAGE	BEGAN
CHLORINATED HYDROCARBONS	ANIMALS	STATE-WIDE		CONTINUOUS	500	GAS-LIQUID CHROMATOGRAPHY	1 PPB	UNPUBLISHED RECORDS	0/66

WYOMING

PROGRAM NAME AND ADDRESS:

NAME OF DIRECTOR:

PATCH WALTER M. PLANT INDUSTRY DIRECTOR

WYOMING DEPT OF AGRICULTURE
2219 CAREY AVENUE
CHEYENNE WY 82001

ADDRESS OF DIRECTOR:

SAME AS ABOVE

SEND INQUIRIES ABOUT DATA TO:

SAME AS ABOVE

LAST FIRST TITLE
TELEPHONE NUMBER:

307-777-7321
INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

SAME AS ABOVE
TELEPHONE NUMBER:

307-777-7321
EXPECTED DURATION OF MONITORING:

UNTIL PROGRAM IS DISCONTINUED

PURPOSE:
REGISTRATION AND LICENSING REVIEW AND CONTINUOUS SAMPLING OF PESTICIDES.

SECTION V

RADIATION PROGRAMS

EPA PROGRAM OR OFFICE NAME:

ENVIRONMENTAL RADIATION AMBIENT
MONITORING SYSTEM (ERAMS)
OFFICE OF RADIATION PROGRAMS
ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE SENT TO:

MR. DAVID LUTZ
ADDRESS SAME AS ABOVE

NAME OF DIRECTOR:

WEAVER CHARLES DIRECTOR
LAST FIRST TITLE

TELEPHONE NUMBER: 202-755-5482

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

MR. DAVID LUTZ

TELEPHONE NUMBER: 202-755-0920

STATUS OF MONITORING AND DATA COLLECTION:

OPERATIONAL

PURPOSE:

THE PURPOSES OF ERAMS ARE:

1) TO MEASURE THE CURRENT LEVELS OF RADIOACTIVITY IN THE ENVIRONMENT AND TO DETERMINE THE TRENDS IN THESE LEVELS.
2) TO PROVIDE INFORMATION ON THE RADIONUCLIDE INTAKE BY LARGE POPULATION GROUPS, WHICH INFORMATION CAN BE USED TO INSTITUTE PROTECTIVE MEASURES IN EVENTS OF LARGE-SCALE CONTAMINATION INCIDENTS, SUCH AS ATMOSPHERIC WEAPONS TESTS OR SERIOUS ACCIDENTS AT NUCLEAR FACILITIES.
3) TO PROVIDE INFORMATION FOR STANDARDS-SETTING ACTIVITIES AND VERIFICATION OF RADIOACTIVE POLLUTION ABATEMENT PROCESSES.

REMARKS:

THE ERAMS WAS DEVELOPED FROM PREVIOUSLY OPERATING RADIATION MONITORING NETWORKS TO FORM A SINGLE MONITORING SYSTEM WHICH IS MORE RESPONSIVE TO CURRENT AND PROJECTED SOURCES OF ENVIRONMENTAL RADIATION. THE ERAMS IS SUBDIVIDED INTO THE FOLLOWING COMPONENTS:

1. GROSS RADIOACTIVITY AND DEPOSITION COMPONENT.
2. KRYPTON--85 IN AIR COMPONENT.
3. PLUTONIUM AND URANIUM IN AIR COMPONENT.
4. SURFACE WATER COMPONENT.
5. DRINKING WATER COMPONENT.
6. PASTEURIZED MILK COMPONENT.
7. HUMAN BONE ANALYSIS COMPONENT.

****

THE FOLLOWING PORTION OF THE DIRECTORY IS DIVIDED INTO TWO SECTIONS:

THE FIRST SECTION LISTS THE NAMES AND ADDRESSES OF STATE ADMINISTRATORS RESPONSIBLE FOR RESPONDING TO INQUIRIES ABOUT RADIATION MONITORING ACTIVITIES AS WELL AS A BRIEF DESCRIPTION OF SUCH ACTIVITIES BEING UNDERTAKEN IN THEIR RESPECTIVE STATES.

ALL DATA AND INFORMATION IN THIS SECTION WERE PROVIDED BY THE EPA

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DIRECTORY OF STATE AGENCIES [illegible] ENVIRONMENTAL MONITORING, DATED DECEMBER 1973. INFORMATION ON [illegible] SOURCES WAS UPDATED AND ENLARGED THROUGH CONVERSATIONS WITH PERSONNEL REFERENCED IN THE DIRECTORY.

THE SECOND SECTION IS A STATISTICAL SUMMARY OF RADIATION MONITORING ACTIVITIES BEING UNDERTAKEN IN EACH STATE. THE DATA IN THE SUMMARY WERE TAKEN DIRECTLY FROM AN EPA REPORT ENTITLED --STATE ENVIRONMENTAL RADIOACTIVITY SURVEILLANCE PROGRAMS, 1972-- WRITTEN BY MARY ANN CULLITON. THE SUMMARY IS BASED ON 1972 DATA ONLY.

**********ALABAMA

AUBREY GODWIN, DIRECTOR
DIV. OF RADIOLOGICAL HEALTH
DEPT. OF PUBLIC HEALTH
328 DEXTER ST.
MONTGOMERY, AL 36104

PHONE: 205 269-7634
FTS:

REMARKS:

PERFORMS SAMPLING OF AIR, WATER, SOIL, VEGETATION, FISH AND MILK AROUND 2 REACTOR SITES. THIS WORK DONE SPECIFICALLY BY THE ENVIRONMENTAL HEALTH ADMINISTRATION LABORATORY, WHOSE DIRECTOR IS JOHN E. REGNIER. ALSO HAS NETWORK FOR BACKGROUND RADIATION.

**********ALASKA

JONATHAN W. SCRIBNER, ACTING DIRECTOR
DIVISION OF WATER & AIR QUALITY CONTROL
DEPT. OF ENVIRONMENTAL CONSERVATION
POUCH O
JUNEAU, AK 99801

PHONE: 907 586-6721
FTS: 206 442-0150

REMARKS:

THIS INFORMATION IS UNCONFIRMED AS A PROPER CONTACT FOR RADIATION MONITORING IN ALASKA.

**********ARIZONA

DONALD C. GILBERT, EXECUTIVE DIRECTOR
ARIZONA ATOMIC ENERGY COMMISSION
1601 W. JEFFERSON ST.
PHOENIX, AZ 85007

PHONE: 602 271-4845
FTS:

REMARKS:

HAS ON-GOING PROGRAM TO MONITOR RADIOACTIVITY IN GROUND AND SURFACE WATER. THIS INCLUDES GROSS ALPHA, GROSS BETA, AND RADIUM, THE LATTER OF WHICH CAN BE A PROBLEM IN THE WESTERN UNITED STATES. WITHIN THIS FISCAL YEAR, 1974-75, WILL ESTABLISH AIR MONITORING NETWORK FOR GROSS ALPHA/BETA, OR GAMMA SPECTROSCOPY. ALSO HAVE LIQUID SCINTILLATION CAPABILITY.

HAS NO SOURCE-ORIENTED MONITORING AT PRESENT, DUE TO LACK OF NUCLEAR FACILITIES IN STATE.

**********ARKANSAS

DAVID D. SNELLINGS, JR., DIRECTOR
DIV. OF RADIOLOGICAL HEALTH
DEPT. OF HEALTH
4815 W. MARKHAM ST.
LITTLE ROCK, AR 72201

PHONE: 501 661-2301
FTS: 501 378-5011

REMARKS:

PERFORMS STATE-WIDE FALLOUT MONITORING, IN ADDITION TO MONITORING OF 2 NUCLEAR POWER PLANTS. FORMER PROGRAM IS MINIMAL, WHILE LATTER IS COMPREHENSIVE FOR ONE PLANT AND MINIMAL FOR THE OTHER.

**********CALIFORNIA

SIMON KINSMAN, CHIEF
RADIOLOGICAL HEALTH SEC.
DEPT. OF HEALTH
ROOM 498, BLDG. 8, 744 P ST.
SACRAMENTO, CA 95814

PHONE: 916 322-2073
FTS: 916 449-2000

REMARKS:

HAS EXTENSIVE ENVIRONMENTAL RADIATION MONITORING PROGRAM WHICH IS STILL ORIENTED TOWARD FALLOUT, BUT IS GENERALLY MAKING THE TRANSITION FROM AREA-WIDE TO POINT-SOURCE PROGRAMS--ONE TOWARD ASSESSING POPULATION DOSAGES FROM FIXED NUCLEAR FACILITIES. IS CURRENTLY CARRYING OUT CONTINUOUS AIR PARTICULATE MONITORING AT 18 SITES AROUND NUCLEAR FACILITIES. MAINTAINS DOSIMETRY STATIONS, AND REGULARLY SAMPLES AND ANALYZES LIQUID AND GASEOUS EFFLUENTS FROM NUCLEAR POWER PLANTS, AS WELL AS FOOD CHAIN MATERIAL AS APPROPRIATE FROM THEIR VICINITY. IS ALSO SAMPLING DRINKING WATER AND WASTE WATER IN 20 MUNICIPALITIES.
ROUTINE MONITORING OF 10 MILK SHEDS AND TYPICAL POPULATION DIETS THROUGHOUT THE STATE WILL SOON BE INTEGRATED INTO THE EXPANDED PROGRAM DESIGNED TO EVALUATE POSSIBLE HEALTH EFFECTS CONSEQUENT TO TRANSPORT VIA CRITICAL ENVIRONMENTAL PATHWAYS AND DEPOSITION OF RADIOACTIVE MATERIAL. CURRENT PROGRAM INVOLVES ROUTINE ANNUAL LABORATORY VERIFICATION OF LICENSEES, RADIOASSAYS ON ENVIRONMENTAL SAMPLES. IN THE FUTURE, SIX REGIONS IN WHICH PRINCIPAL EFFLUENT SOURCES ARE LOCATED HAVE BEEN DESIGNATED FOR INTENSIVE SURVEILLANCE AND CRITICAL EVALUATION OF SPECIFIC RADIONUCLIDES.

**********COLORADO

ALBERT J. HAZLE, DIRECTOR
OCCUPATIONAL AND RADIOLOGICAL HEALTH
DEPT. OF HEALTH
4210 E. ELEVENTH AVE.
DENVER, CO 80220

PHONE: 303 388-6111
FTS: 303 837-0111

REMARKS:

PERFORMS STATE-WIDE MONITORING OF RADIATION, ESPECIALLY IN AIR AND WATER. FOCUSES MAJOR EFFORT ON MONITORING FOR RADIUM IN DRINKING WATER ESPECIALLY FROM PRIVATE SOURCES SUCH AS WELLS. ALSO MONITORS WORLDWIDE FALLOUT, AS MAY COME FROM A SOURCE SUCH AS CHINESE NUCLEAR TESTING. CARRIES OUT SOURCE-ORIENTED SURVEILLANCE IN ADDITION TO STATE-WIDE PROGRAMS.

**********CONNECTICUT

ARTHUR T. HEUBNER, ASSITANCE DIR.
COMPLIANCE-RADIATION
DEPT. OF ENVIRONMENTAL PROTECTION
STATE OFFICE BLDG.
HARTFORD CT 06115

PHONE: 203 566-5668
FTS:

REMARKS:

HAS COMPREHENSIVE PROGRAM FOR ENVIRONMENTAL MONITORING OF RADIATION. BOTH FALLOUT AND POINT-SOURCE CONTAMINATION MONITORED. EMPHASIS SHIFTING FROM FORMER TO LATTER. STATE HAS 2 NUCLEAR POWER PLANTS NOW RUNNING, AND 2 UNDER CONSTRUCTION.

**********DELAWARE

E. LEE STEIN, DIRECTOR
OFFICE OF RADIATION SAFETY
DIV. OF PUBLIC HEALTH
FEDERAL AND WATER STS.
DOVER, DE 19901

PHONE: 302 678-4733
FTS: 302 571-6011

REMARKS:

DOES NOT HAVE ON-GOING PROGRAM OF ENVIRONMENTAL SURVEILLANCE, SINCE STAFF CONTAINS ONLY 2 PERSONS WHO ARE MOSTLY CONCERNED WITH X-RAYS. HAS DONE A LITTLE MONITORING FOR RADIATION IN DELAWARE RIVER WATER SAMPLES TAKEN BY THE STATE DEPT. OF NATURAL RESOURCES. WITH REGARD TO FUTURE SURVEILLANCE OF PLANNED NUCLEAR POWER PLANTS IN THE STATE ITSELF AND IN PENNSYLVANIA AND NEW JERSEY NEAR TO THE DELAWARE BORDER, IT IS AS YET UNDECIDED CONCERNING WHETHER THIS ACTIVITY WILL BE HOUSED IN THE ENVIRONMENTAL CONTROL DIVISION OF THE DEPARTMENT

OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL.

**********DISTRICT OF COLUMBIA

RICHARD LANE, CHIEF
RADIOLOGICAL HEALTH PROGRAM
DEPT. OF ENVIRONMENTAL SERVICES
DC GEN. HOSPITAL, 19TH AND MASS. AVE
WASHINGTON SE, DC 20003

PHONE: 202 629-3524
FTS:

REMARKS:

PERFORMS DAILY MONITORING OF WATER, SEWAGE, AIR AND PRECIPITATION.
THE DISTRICT HAS NO NUCLEAR REACTORS.

**********FLORIDA

ULRAY CLARK, ADMINISTRATOR
RADIOLOGICAL AND OCCUPATIONAL HEALTH
HEALTH & REHABILITATIVE SERVICES DPT
PO BOX 210
JACKSONVILLE FL 32201

PHONE: 904 354-3961
FTS: 904 791-2011

REMARKS:

HAS VERY COMPREHENSIVE PROGRAM, BEGUN IN 1958, MONITORS BOTH AREA-WIDE FALLOUT AND 3 NUCLEAR REACTORS NOW UNDER CONSTRUCTION, AND DRINKING WATER IN BONE VALLEY PHOSPHATE MINING AND MILLING AREAS.

**********GEORGIA

RICHARD H. FETZ, CHIEF
RADIOLOGICAL HEALTH UNIT
DEPT. OF HUMAN RESOURCES
47 TRINITY AVE., SW
ATLANTA, GA 30334

PHONE: 404 894-5795
FTS: 404 526-0111

REMARKS:

COMMANDS COMPLETE LABORATORY CAPABILITY FOR SOPHISTICATED ANALYSIS OF ENVIRONMENTAL EFFECTS OF RADIATION. IS PREPARED FOR ROUTINE OPERATIONS AND MONITORING, AS WELL AS FOR ACCIDENTS.

**********HAWAII

SADAMOTA IWASHITA, CHIEF
NOISE AND RADIATION BRANCH
DEPT. OF HEALTH
PO BOX 3378
HONOLULU, HI 96801

PHONE: 808 548-3075
FTS: 415 556-0220

REMARKS:

THE ACTIVITIES OF THIS BRANCH IN RADIATION CONSIST OF INSPECTION AND EXAMINATION OF ALL X-RAY AND RADIOISOTOPE LABORATORIES IN THE STATE OF HAWAII AND THE SAMPLING AND EXAMINATION OF THE AIR, WATER AND MILK FOR RADIOACTIV' CONTAMINATION IN THE ENVIRONMENT.

**********IDAHO

MICHAEL CHRISTIE, CHIEF
RADIATION CONTROL SEC.
DEPT. OF HEALTH AND WELFARE
STATEHOUSE
BOISE, ID 83720

PHONE: 208 384-2390
FTS:

REMARKS:

DUE TO LIMITED FUNDS AND STAFF, CURRENTLY RUNS ONLY A SMALL PROGRAM FOR ENVIRONMENTAL RADIATION SURVEILLANCE. IN SPITE OF GREAT INTEREST IN THIS AREA. RELIES ON EPA AND AEC FOR ACTUAL PHYSICAL SAMPLINGS AND ANALYSIS. PROGRAM EXPANSION PLANNED FOR 1976.

**********ILLINOIS

PHILIP BRUNNER, CHIEF
RADIOLOGICAL HEALTH DIV.
DEPT. OF PUBLIC HEALTH
535 W. JEFFERSON ST.
SPRINGFIELD, IL 62761

PHONE: 217 782-2342
FTS: 217 525-4200

REMARKS:

HAS COMPLETE STATE-WIDE PROGRAM WHICH INCLUDES MONITORING OF 3 MAJOR, MULTIPLE NUCLEAR REACTOR SITES. IS SUPPLIED WITH MONTHLY DISCHARGE DATA FROM REACTORS AND SEMI-ANNUAL METEOROLOGICAL REPORTS, WHICH CAN BE FED INTO COMPUTER IN ORDER TO DERIVE POPULATION EXPOSURES.

**********INDIANA

HAL STOCKS, ACTING DIRECTOR
DIV. OF RADIOLOGICAL HEALTH
STATE BOARD OF HEALTH
1330 W. MICHIGAN ST.
INDIANAPOLIS, IN 46206

PHONE: 317 633-6340
FTS:

REMARKS:

PERFORMS SAMPLING FOR FALLOUT IN WATER AND MILK. INDIANA HAS NO NUCLEAR REACTORS YET, ALTHOUGH ONE WILL BE CONSTRUCTED IN FIVE YEARS. AT THAT TIME, WILL BEGIN SAMPLING FOR THE LOWER LEVELS OF OF RADIATION NECESSARY FOR REACTOR MONITORING.

**********IOWA

ROBERT MORRIS, ASSOCIATE DIRECTOR
STATE HYGENIC LABORATORY
ROOM 272, MEDICAL LABORATORIES
IOWA CITY, IA 52240

PHONE: 319 353-5990
FTS: 319 338-5011

REMARKS:

PERFORMS AREA-WIDE MONITORING OF AIR, DRINKING WATER, SURFACE WATERS, AND MILK. MONITORS GROUND WATER FOR RADIUM. AROUND THE ONE NUCLEAR REACTOR IN THE STATE. SURVEYS WATER, FISH, BOTTOM SEDIMENTS, ETC. PROBLEM OF LACK OF FUNDS MAY CUT SOME PROGRAMS IN FUTURE.

**********KANSAS

ROBERT C. WILL, DIRECTOR
RADIATION CONTROL PROGRAM
DEPT. OF HEALTH AND ENVIRONMENT
BLDG. 740, FORBES AIR BASE
TOPEKA, KS 66620

PHONE: 913 296-3821
FTS:

REMARKS:

IS INVOLVED IN MONITORING OF BOTH POINT AND AREA SOURCES.

**********KENTUCKY

CHARLES M. MARDIN, DIRECTOR
RADIOLOGICAL HEALTH PROGRAM
DEPT. FOR HUMAN RESOURCES
275 E. MAIN ST.

PHONE: 502 564-3700
FTS:

FRANKFORT, KY 40601

REMARKS:

HAS ROUTINE NETWORK AND EXTENSIVE PROGRAM FOR ENVIRONMENTAL MONITORING OF RADIATION. CONDUCTS AREA-WIDE SURVEILLANCE OF SURFACE WATERS, AIR, SOIL AND VEGETATION. ACTIVE MILK SAMPLING PROGRAM NO LONGER CARRIED OUT SINCE FALLOUT SEEMS NOT TO BE EXERTING ADVERSE EFFECTS IN THIS AREA. SPECIFIC NUCLEAR FACILITIES ARE ALSO MONITORED, SUCH AS A UNION CARBIDE GASEOUS DIFFUSION PLANT AND A RADIOACTIVE DISPOSAL SITE. STATE CURRENTLY HAS NO REACTORS IN OPERATION, ALTHOUGH ONE IS NOW UNDER CONSTRUCTION ON THE STATE BOUNDARY, AND ANOTHER PLANNED FOR A SIMILAR BOUNDARY SITE.

**********LOUISIANA

B. JIM PORTER, ADMINISTRATOR
DIV. OF RADIATION CONTROL
DEPT. OF CONSERVATION
PO BOX 44033, CAPITOL STATION
BATON ROUGE, LA 70804

PHONE: 504 389-5963
FTS:

REMARKS:

IS STATE AGENCY RESPONSIBLE FOR RADIATION PROTECTION. STATE HEALTH DEPARTMENT MONITORS RADIATION LEVELS IN MILK. COMPLETE LAB FOR ENVIRONMENTAL MONITORING WILL BE SET UP IN THE CONSERVATION DEPT. WITHIN 6 MONTHS. WILL BE ABLE TO PERFORM SOURCE-ORIENTED ENVIRONMENTAL MONITORING, AS REQUIRED, PRIOR TO FIRST NUCLEAR REACTOR WHICH WILL BE IN OPERATION 4 - 5 YEARS FROM NOW.

**********MAINE

DONALD HOXIE, DIRECTOR
DIV. OF HEALTH ENGINEERING
DEPT. OF HEALTH AND WELFARE
STATE HOUSE
AUGUSTA, ME 04330

PHONE: 207 289-3826
FTS: 207 622-6171

REMARKS:

ENVIRONMENTAL AND IN-PLANT SURVEILLANCE CARRIED OUT FOR NUCLEAR REACTOR.

**********MARYLAND

ROBERT E. CORCORAN, CHIEF
RADIATION CONTROL DIV.
DEPT. OF HEALTH + MENTAL HYGIENE
610 N. HOWARD ST.
BALTIMORE, MD 21201

PHONE: 301 383-2747
FTS: -

REMARKS:

PROGRAM IS MAINLY SOURCE-ORIENTED, AS OPPOSED TO STATE-WIDE, FALLOUT TYPE. SINCE STATE CURRENTLY HAS NO NUCLEAR REACTORS IN OPERATION, PRE-OPERATIONAL SURVEILLANCE IS CARRIED OUT ON AIR, SURFACE WATERS, AQUATIC LIFE, BOTTOM SEDIMENTS, AND POTABLE WATER SUPPLIES. IN 6 TO 8 MONTHS, THIS DIV. WILL BE MOVING TO THE STATE OFFICE BUILDING.

••••••••••MASSACHUSETTS

GERALD S. PARKER, DIRECTOR
RADIATION CONTROL PROGRAM
DEPT. OF PUBLIC HEALTH
ROOM 940, 80 BOYLSTON ST.
BOSTON, MA 02116

PHONE: 617 727-5418
FTS: 617 223-2100

REMARKS:

RADIATION SURVEILLANCE INCLUDED IN GENERAL AIR POLLUTION SAMPLING. MONITORING OF AIR AND WATER ALSO PERFORMED AROUND 2 NUCLEAR REACTORS IN STATE, ONE ON VERMONT BORDER AND ONE ON NEW HAMPSHIRE BORDER.

••••••••••MICHIGAN

DONALD E. VANFAROWE, CHIEF
DIVISION OF RADIOLOGICAL HEALTH
DEPARTMENT OF PUBLIC HEALTH
3500 N. LOGAN ST.
LANSING, MI 48914

PHONE: 517 373-1410
FTS: -

REMARKS:

OPERATES STATE-WIDE MONITORING NETWORKS FOR RADIATION IN MILK AND DRINKING WATER. ALSO MONITORS AIR PARTICULATES, AIR VAPORS, PRECIPITATION, SURFACE WATERS, AND AQUATIC BIOTA AROUND THE 4 NUCLEAR POWER PLANT SITES IN THE STATE.

••••••••••MINNESOTA

ALICE DOLEZAL, CHIEF

PHONE: 612 296-5323

RADIATION CONTROL SEC.
DEPT. OF HEALTH
717 DELAWARE ST. S.E.
MINNEAPOLIS, MN 55440

FTS: 612 725-4242

REMARKS:

OPERATES STATE-WIDE MONITORING FOR RADIATION IN MILK, AIR AND WATER. ALSO MONITORS EXTENSIVELY AROUND 2 NUCLEAR REACTORS, INCLUDING SAMPLING OF VEGETATION, AQUATIC LIFE, ETC.

**********MISSISSIPPI

EDDIE S. FUENTE, DIRECTOR
RADIOLOGICAL HEALTH DIV.
STATE BOARD OF HEALTH
FELIX J. UNDERWOOD BLDG., PO BX 1700
JACKSON, MS 39205

PHONE: 601 354-6657
FTS: 601 969-4211

REMARKS:

RUNS AIR SAMPLES OCCASIONALLY, WILL BEGIN PRE-OPERATIONAL ENVIRONMENTAL RADIOACTIVITY SURVEILLANCE OF NUCLEAR REACTER WHICH IS NOT EXPECTED TO BE OPERATIONAL UNTIL 5 YEARS FROM NOW. PARTICIPATE AS A STATION IN RADIATION ALERT NETWORK.

**********MISSOURI

KENNETH V. MILLER, ACTING DIRECTOR
BUR. OF RADIOLOGICAL HEALTH
DEPT. OF PUBLIC HEALTH AND WELFARE
2511 INDUSTRIAL DRIVE
JEFFERSON CITY, MO 65101

PHONE: 314 751-3681
FTS: 816 374-7000

REMARKS:

MONITORS ONLY PUBLIC WATER SUPPLIES FOR RADIATION. STATE CURRENTLY HAS NO NUCLEAR REACTORS; ONE REACTOR IS IN THE PLANNING STAGE, BUT THE BUREAU IS NOT CONCERNED WITH IT YET.

**********MONTANA

LARRY L. LLOYD, CHIEF
OCCUPATIONAL HEALTH BUR.
HEALTH & ENVIRONMENTAL SCI.,S DEPT.
COGSWELL BLDG.

PHONE: 406 449-3454
FTS:

HELENA, MT 59601

REMARKS:

CONDUCTS STUDIES IN COAL MINING AREA IN EASTERN PART OF STATE, ON SOIL VEGETATION, COAL, SURFACE AND GROUNDWATER, ETC. HAS MONITORED PHOSPHATE PLANTS, AND PLANS TO EXPAND IN ORDER TO INCLUDE SMELTING AND CEMENT PLANTS. NO NUCLEAR REACTORS EXIST OR ARE PLANNED IN THE STATE. WILL SOON COMMAND CAPACITY FOR FULL-SCALE ENVIRONMENTAL MONITORING OF RADIATION.

**********NEBRASKA

H. ELLIS SIMMONS, DIRECTOR
DIVISION OF RADIOLOGICAL HEALTH
DEPT. OF HEALTH
LINCOLN BLDG., 1003 O ST.
LINCOLN, NB 68508

PHONE: 402 471-2168
FTS: 402 475-2611

REMARKS:

MAJOR MONITORING ACTIVITIES CENTER AROUND NUCLEAR POWER PLANTS. SAMPLING OF AIR AND PRECIPITATION IN LINCOLN FOR FALLOUT HAS BEEN TEMPORARILY SUSPENDED. PERFORMS SURVEILLANCE OF 2 OPERATING POWER PLANTS AND 1 DECOMMISSIONED REACTOR.

**********NEVADA

WILLIAM C. HORTON, SUPERVISOR
RADIOLOGICAL HEALTH UNIT
DEPT. OF HUMAN RESOURCES
201 S. FALL ST.
CARSON CITY, NV 89701

PHONE: 702 885-4750
FTS: 702 784-5911

REMARKS:

HAS VERY SMALL PROGRAM BECAUSE EPA AND AEC PERFORM THE MONITORING AROUND THE NUCLEAR TEST SITE. THUS THE STATE DOES NO MONITORING BY ITSELF, BUT DOES GET ALL OF THE FEDERAL RESULTS.
STATE NO HAS NO NUCLEAR REACTORS, ALTHOUGH ONE MIGHT BE BUILT IN ARIZONA NEAR THE ARIZONA-NEVADA BORDER IN THE FUTURE.

**********NEW HAMPSHIRE

JOHN R. STANTON, DIRECTOR
STATE RADIATION CONTROL AGENCY

PHONE: 603 271-2281
FTS: 603 669-7011

STATE LABORATORY BLDG.
HAZEN DRIVE
CONCORD, NH 03301

REMARKS:

CURRENTLY EXERCISES MINIMAL COMMITMENT IN TERMS OF RADIATION SURVEILLANCE. TAKES DIRECT RADIATION READINGS FROM THE SOUTHWESTERN PART OF THE STATE ONLY, AROUND THE NUCLEAR REACTOR LOCATED THERE. MODIFIED SURVEILLANCE PROGRAM EFFECTIVE SEPTEMBER 16, 1974 --
1. 6 LOCATIONS--CONCORD, DERRY, HAMPTON FALLS, HINSDALE, LEBANON, BERLIN (ALL DAIRY FARMS).
2. DIRECT RADIATION--CAF2, MN, TLD,S--CHANGED AND READ QUARTERLY.
3. MILK--SR-90, GAMMA SCAN--SEMI-ANNUAL (SEPTEMBER AND MARCH).
4. FEED (STORED OR FORAGE CROPS)--GROSS BETA, GAMMA SCAN--SEMI-ANNUAL (DECEMBER AND JUNE).
5. TAP WATER (FROM DAIRY FARMS)--GROSS ALPHA AND BETA, GAMMA SCAN--QUARTERLY.

**********NEW JERSEY

JOHN J. RUSSO, CHIEF
BUR. OF RADIATION PROTECTION
DEPT. OF ENVIRONMENTAL PROTECTION
PO BOX 2807, JOHN FITCH PLAZA
TRENTON, NJ 08625

PHONE: 609 292-5586
FTS: 609 599-3511

REMARKS:

PROGRAM WAS FALLOUT-ORIENTED UNTIL 2 YEARS AGO, WHEN BECAME 90 PERCENT REACTOR-ORIENTED, HOWEVER, STILL CARRIES OUT STATE-WIDE MILK, FOOD AND WILDLIFE MONITORING. IN GENERAL, OVERALL PROGRAM MONITORS FOR SPECIFIC RADIONUCLIDES IN ALL ENVIRONMENTAL MEDIA.

**********NEW MEXICO

EDWARD L. KAUFMAN, PROJECT MANAGER
RADIATION PROTECTION SEC.
ENVIRONMENTAL IMPROVEMENT AGENCY
PO BOX 2348
SANTA FE, NM 87501

PHONE: 505 827-5273
FTS:

REMARKS:

PERFORMS FALLOUT MONITORING IN AIR, WATER AND MILK. NO NUCLEAR REACTOR PLANNED AS YET FOR THE STATE, BUT NUCLEAR REPOSITORY MAY BE PUT IN CARLSBAD. IF SO, WILL BECOME INVOLVED IN MONITORING THIS PARTICULAR POINT SOURCE.

**********NEW YORK

THOMAS J. CASHMAN, DIRECTOR
BUR. OF RADIATION
DEPT. OF ENVIRONMENTAL CONSERVATION
50 WOLF RD.
ALBANY, NY 12201

PHONE: 518 457-6600
FTS: -

REMARKS:

HAS EXTENSIVE ENVIRONMENTAL MONITORING PROGRAM, WHICH IS DESCRIBED IN BULLETINS ISSUED BOTH QUARTERLY AND ANNUALLY. EMPHASIS OF PROGRAM HAS SHIFTED FROM AREA-WIDE FALLOUT TO NUCLEAR FACILITIES, INCLUDING A NUCLEAR FUELS PROCESSING PLANT. AIR, WATER, VEGETATION, WILDLIFE, MILK, FISH, ETC. ARE MONITORED. IN ALL, SOME 3000 ENVIRONMENTAL SAMPLES ARE TAKEN ANNUALLY, ON WHICH SOME 9000 ANALYSES ARE MADE.

**********NORTH CAROLINA

DAYNE H. BROWN, HEAD
RADIATION PROTECTION BR.
DEPT. OF HUMAN RESOURCES
PO BOX 12200
RALEIGH, NC 27605

PHONE: 919 829-4283
FTS: 919 755-4020

REMARKS:

OPERATES STATE-WIDE, GENERAL BACKGROUND SURVEILLANCE NETWORK WHICH MONITORS AIR, SURFACE WATERS, GROUND WATER, VEGETATION, SHELLFISH, MILK AND OTHER FOOD PRODUCTS. SIMILAR ENVIRONMENTAL PARAMETERS ARE MONITORED AROUND EACH NUCLEAR FACILITY IN THE STATE.

**********NORTH DAKOTA

GENE CHRISTIANSON, DIRECTOR
ENVIRONMENTAL ENGINEERING DIV.
DEPT. OF HEALTH
CAPITOL BLDG.
BISMARK, ND 58501

PHONE: 701 224-2374
FTS: 701 255-4011

REMARKS:

OPERATES SEVERAL AIR QUALITY MONITORING STATIONS WHICH PERFORM ANALYSES FOR GROSS BETA. MILK-SAMPLING NETWORK PUT ON STANDBY LAST APRIL. HAS CAPABILITIES FOR LOOKING AT ALL ENVIRONMENTAL

RADIONUCLIDES. WHETHER FROM FALLOUT OR SPECIFIC FACILITIES. THERE ARE CURRENTLY NO NUCLEAR REACTORS IN THE STATE.

**********OHIO

ERNEST NEAL, CHIEF
SURVEILLANCE DIV.
OHIO ENVIRONMENTAL PROTECTION AGENCY
361 E. BROAD STREET
COLUMBUS, OH 43216

PHONE: 614 466-2390
FTS:

REMARKS:

AREA-WIDE MONITORING INVOLVES MAINLY MONTHLY SAMPLING FOR GROSS ALPHA AND BETA AT ABOUT 27 STATIONS LOCATED MOSTLY ON STREAMS ABOVE AND BELOW NUCLEAR FACILITIES, AND ON SHORES OF LAKE ERIE. 1979 IS EARLIEST DATE AT WHICH FIRST NUCLEAR REACTOR WILL BE IN OPERATION, SO ANY MONITORING CONNECTED WITH THIS HAS NOT YET BEEN INITIATED.

**********OKLAHOMA

J. DALE MCHARD, CHIEF
OCCUPATIONAL & RADIOLOGICAL HEALTH
DEPT. OF HEALTH
BOX 53551, N.E. TENTH AND STONEWALL
OKLAHOMA CITY, OK 73105

PHONE: 405 271-5221
FTS: 405 231-4011

REMARKS:

MAJOR ACTIVITIES ARE AREA-WIDE IN SCOPE, AND INVOLVE MONITORING COMMUNITY WATER SUPPLIES AND SURFACE WATERS. FILTERS COLLECTED BY STATE AIR QUALITY SERVICE ARE ALSO ANALYZED HERE FOR RADIATION CONTENT. WILL SOON BEGIN RUNNING PRE-OPERATIONAL SURVEILLANCE ON ONE REACTOR SITE, ALTHOUGH REACTOR ITSELF WILL NOT ACTUALLY BE IN SERVICE UNTIL SOMETIME AROUND 1982.
THIS OFFICE SERVES AS THE LEAD AGENCY IN MANAGEMENT OF EMERGENCIES INVOLVING RADIOACTIVE OR OTHER HAZARDOUS MATERIAL.

**********OREGON

GEORGE TOOMBS, HEAD
ENV.. RADIATION SURVEILLANCE PROG.
HEALTH DIV., HUMAN RESOURCES DEPT.
1400 FIFTH AVE. S.W.
PORTLAND, OR 97201

PHONE: 503 229-5797
FTS:

REMARKS:

CONDUCTS STATE-WIDE MONITORING OF SURFACE WATERS, GROUND WATER AND AIR. IN ADDITION TO PRE-OPERATIONAL STUDIES ON PLANNED NUCLEAR FACILITIES. ALSO CARRIES OUT WORK ON RADIATION FROM NATURAL ACTIVITY.

**********PENNSYLVANIA

MARGARET REILLY, CHIEF
REACTOR REVIEW + ENV.L SURVEILLANCE
DEPT. OF ENVIRONMENTAL RESOURCES
PO BOX 2063
HARRISBURG, PA 17120

PHONE: 717 787-2480
FTS:

REMARKS:

WATER SAMPLING CONDUCTED ON AREA-WIDE BASIS AND AROUND OPERATING NUCLEAR FACILITIES. AIR AND MILK MONITORING CONDUCTED AROUND REACTORS.

**********RHODE ISLAND

JAMES E. MICKEY
RADIOLOGICAL HEALTH SPECIALIST
DEPT. OF HEALTH
206 HEALTH DEPT. BLDG., 75 DAVIS ST.
PROVIDENCE, RI 02908

PHONE: 401 277-2438
FTS: 401 528-1000

REMARKS:

SMALL STAFF TAKES SAMPLES OF AIR, WATER, SOIL AND VEGETATION AROUND NUCLEAR FACILITIES, WHERE GREATEST POTENTIAL HAZARD LIES. IF AFFIRMATIVE DECISION IS REACHED CONCERNING REACTOR PLANNED FOR CHARLESTOWN, PRE-OPERATIONAL MONITORING WILL BE ACCORDINGLY ESTABLISHED.
ALSO, OPERATE A RADIATION ALERT MONITORING STATION ON A STANDBY BASIS FOR EPA.

**********SOUTH CAROLINA

HEYWARD G. SHEALY, DIRECTOR
RADIOLOGICAL HEALTH DIV.
DEPT. OF HEALTH + ENV.L CONTROL
2600 BULL ST.
COLUMBIA, SC 29201

PHONE: 803 758-5548
FTS: 803 765-5011

REMARKS:

CURRENTLY OPERATING REACTORS MONITORED. AND PRE-OPERATIONAL STUDIES CONDUCTED ON EACH PLANNED NUCLEAR FACILITY. AREA-WIDE STUDIES ARE STILL MAINTAINED.

**********SOUTH DAKOTA

MELVIN NELSON
RADIOLOGICAL HEALTH SPECIALIST
DEPT. OF HEALTH
OFFICE BLDG. NO. 2
PIERRE. SD 57501

PHONE: 605 224-3141
FTS: 605 225-0250

REMARKS:

WE CARRY OUT COOPERATIVE PROGRAMS WITH SOME LOCAL AND FEDERAL AGENCIES FOR SURVEILLANCE. SOME SAMPLING STATIONS ON A STAND-BY BASIS.

**********TENNESSEE

ROBERT H. WOLLE. DIRECTOR
OCCUPATIONAL . RADIOLOGICAL HEALTH
DEPT. OF PUBLIC HEALTH
630 CORDELL HULL BLDG.
NASHVILLE. TN 37219

PHONE: 615 741-3161
FTS:

REMARKS:

MONITORS MILK. WATER. AND AIR THROUGHOUT STATE. IN ADDITION TO SPECIFIC SOURCES. DATA OBTAINED THEREFROM APPEARS MONTHLY IN THE RADIATION DATA AND REPORTS PUBLISHED BY EPA.

**********TEXAS

MARTIN C. WUKASCH. DIRECTOR
OCCUPATIONAL HEALTH . RADIATION CONT
DEPT. OF HEALTH
1100 W. 49TH ST.
AUSTIN. TX 78756

PHONE: 512 454-3781
FTS: 512 397-5011

REMARKS:

IS RESPONSIBLE FOR ADMINISTERING STATE RADIATION CONTROL ACT. LICENSES ALL RADIOACTIVE-ASSOCIATED FACILITIES NOT LICENSED BY AEC. SETS

STANDARDS ON RADIOACTIVE EFFLUENTS, WHETHER LIQUID WASTE, FALLOUT, ETC. MONITORS AROUND NUCLEAR FACILITIES, AND MONITORS FALLOUT. LATTER INCLUDES STATE-WIDE MILK NETWORK. WUKASCH IS ALSO EXECUTIVE SECRETARY OF THE TEXAS RADIATION ADVISORY BOARD WHICH REVIEWS PROGRAMS OF, AND SETS POLICY FOR, THE ABOVE PROGRAMS.
THIS OFFICE SERVES AS COORDINATOR FOR THE REPORTING OF PESTICIDE POISONING INCIDENTS IN TEXAS. THIS WORK IS ACCOMPLISHED IN COOPERATION WITH THE ENVIRONMENTAL PROTECTION AGENCY.

**********UTAH

DENNIS R. DALLEY, CHIEF
RADIATION & OCCUPATIONAL HEALTH SEC.
ENV.L HEALTH BUR., STATE HEALTH DIV
44 MEDICAL DRIVE
SALT LAKE CITY, UT 84113

PHONE: 801 328-6121
FTS: 801 524-5500

REMARKS:

FALLOUT MONITORING BEGUN IN 1946 STILL MAINTAINED BECAUSE OF NUCLEAR TESTING BY CHINESE AND IN NEVADA. STATE-WIDE MILK SAMPLES TAKEN. STATE HAS NO NUCLEAR REACTORS, AND NONE PLANNED FOR NEAR FUTURE. HOWEVER, OTHER ISOLATED SOURCES ARE MONITORED. SUCH AS URANIUM TAILINGS PILE! THE INFLUENCE OF RADON FROM THIS, ON SURROUNDING HOMES AND BUSINESSES, IS CURRENTLY BEING STUDIED AND WILL SOON FORM THE BASIS OF A MAJOR RESEARCH EFFORT.
WATER ANALYSIS ROUTINELY PERFORMED FOR GROSS ALPHA AND BETA AND FOR TRITIUM IN SURFACE AND UNDERGROUND WATERS. TRITIUM ANALYSIS TO ESTABLISH A BASE-LINE FOR FUTURE REFERENCE.

**********VERMONT

JOHN R. FROINES, PH.D., DIRECTOR
RADIOLOGICAL HEALTH PROGRAM
DEPT. OF HEALTH
PO BOX 607
BARRE, VT 05641

PHONE: 802 476-3171
FTS: 802 862-6501

REMARKS:

RUNS NO AREA-WIDE OR FALLOUT TYPE PROGRAMS. EFFORTS CONCENTRATED ON NUCLEAR POWER PLANT, AROUND WHICH SAMPLES OF AIR, SURFACE WATERS, PRECIPITATION, VEGETATION AND MILK TAKEN.

**********VIRGINIA

BRYCE SCHOFIELD, ACTING SUPERVISOR
RADIOLOGICAL HEALTH SEC.
DEPT. OF HEALTH

PHONE: 804 770-6285
FTS: -

109 GOVERNOR ST.
RICHMOND, VA 23219

REMARKS:

PROGRAM PLACES EMPHASIS ON POINT SOURCES. STATE HAS 2 NUCLEAR REACTORS IN OPERATION, 2 UNDER CONSTRUCTION, AND 4 PLANNED FOR THE NEXT 10 YEARS, ALL OF WHICH WILL BE EVENLY DIVIDED BETWEEN ONLY 2 SITES. PRE-OPERATIONAL SURVEILLANCE CONDUCTED ON REACTORS NOT YET IN OPERATION. HAS NO STATIONS RUNNING TO MEASURE FALLOUT SPECIFICALLY.

**********WASHINGTON

CLIFFORD G. LEWIS, ACTING SUPERVISOR
RADIATION CONTROL UNIT, HEALTH DIV.
DEPT. OF SOCIAL & HEALTH SERVICES
PO BOX 1788
OLYMPIA, WA 98504

PHONE: 206 753-3459
FTS: -

REMARKS:

RUNS EXTENSIVE STATE-WIDE PROGRAM FOR ROUTINE SURVEILLANCE OF RADIOACTIVITY IN THE ENVIRONMENT, AIR, WATER, MILK AND SHELLFISH ARE COLLECTED AND ANALYZED. TLD'S USED TO CONSTANTLY MONITOR AROUND EXISTING AND POTENTIAL REACTOR SITES AND IN SEVEN MAJOR CITIES.

**********WEST VIRGINIA

HARVEY J. ROBERTS, DIRECTOR
RADIOLOGICAL HEALTH PROGRAM
DEPT. OF HEALTH
1800 E. WASHINGTON ST.
CHARLESTON, WV 25305

PHONE: 304 345-3526
FTS: -

REMARKS:

MONITORING IN PAST HAS BEEN LIMITED, AND HAS INCLUDED AIR, WATER AND MILK. NO MONITORING BEING DONE AT PRESENT, BUT LAB WILL BE RESTORED AT BEGINNING OF NEW FISCAL YEAR. WILL SAMPLE MILK IN CHARLESTON AREA AND WATER STATE-WIDE. NO NUCLEAR POWER PLANTS PLANNED FOR STATE.

**********WISCONSIN

WILLIAM L. LEA, CHIEF
RADIATION PROTECTION SEC.
DEPT. OF HEALTH & SOCIAL SERVICES

PHONE: 608 266-1791
FTS: -

PO BOX 309
MADISON, WI 53701

REMARKS:

OPERATES STATE-WIDE MILK SAMPLING PROGRAM. MONITORS 4 NUCLEAR POWER PLANTS ALL OF WHICH ARE NOW IN OPERATION.

**********WYOMING

ROBERT E. SUNDIN, DIRECTOR
DEPT. OF ENVIRONMENTAL QUALITY
1ST FL., STATE OFFICE BLDG. WEST
CHEYENNE, WY 82002

PHONE: 307 777-7391
FTS:

REMARKS:

ENVIRONMENTAL RADIATION SURVEILLANCE PROGRAM IS RUN THROUGH EPA AND IS CURRENTLY ON STAND-BY.

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	Gross AS	Gross A	Gross B	I	Cs	BA	K	SR	SR	
				AC	L	F	1	1	1	4	8	9	
				MA	P	T	9	3	4	0	9	0	
				MN	H	A	1	7	0				
				A	A								
ALABAMA													
AIR													
GENERAL:													
	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
	1	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
BROWNS FERRY	8	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	
MILK													
GENERAL:	19	(BIMONTHLY TO MONTHLY)	(6/ANNUM)	-	-	-	X	X	X	X	X	X	
SOURCE ORIENTED:													
BROWNS FERRY													
RAW	1	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X	
PASTEURIZED	4	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
BROWNS FERRY													
EXTERNAL RADIATION(TLD)	15	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	A
SOIL	4	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	
BIOTA,WILDLIFE (VEGETATION)	4	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	X	
AQUATIC BIOTA (FISH MUSSELS)	1	SEMIANNUALLY	SEMIANNUALLY	X	X	X	-	-	-	-	-	X	
BOTTOM SEDIMENT (SILT)	1	(NOT REPORTED)	(NOT REPORTED)	X	X	X	-	-	-	-	-	X	
WATER													
GENERAL:													
SURFACE	26	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
BROWNS FERRY													
PUBLIC SUPPLY (SURFACE)	2	WEEKLY (COMPOSITE)	MONTHLY	-	X	X	-	-	-	-	-	-	
PUBLIC SUPPLY (SURFACE)	2	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	

------NOTES-----
A GROSS GAMMA RADIOACTIVITY.

ALASKA													
AIR													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BS	A	B	I	CS	BA	K	SR	SR	
				AC	L	P	1	1	1	4	8	9	
				MA	P	T	3	3	4	0	9	0	
				MN	H	A	1	7	0				
				A	A								
GENERAL:													
WATER	0			-	-	-	-	-	-	-	-	-	
GENERAL:													
	0			-	-	-	-	-	-	-	-	-	
ARIZONA													
AIR													
GENERAL:													
MILK	0			-	-	-	-	-	-	-	-	-	
GENERAL:													
MISCELLANEOUS	0			-	-	-	-	-	-	-	-	-	
GENERAL:													
WATER	0			-	-	-	-	-	-	-	-	-	
GENERAL:													
PUBLIC SUPPLY (ALL NEW PUBLIC WATER SUPPLIES)				-	X	X	-	-	-	-	-	-	
ARKANSAS													
AIR													
GENERAL:													
SOURCE ORIENTED:	1	(3/WEEK)	(3/WEEK)	-	-	X	-	-	-	-	-	-	
SEFOR, SOUTHWEST EXPERIMENTAL FAST OXIDE REACTOR	1	(3/WEEK)	(3/WEEK)	X	-	X	-	-	-	-	-	-	A
MILK													
GENERAL:													
SOURCE ORIENTED:	8	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X	
SEFOR													
ARKANSAS NUCLEAR ONE (ANO)	4	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	-	
ANO	4	QUARTERLY	QUARTERLY	-	-	-	X	X	X	X	-	-	
MISCELLANEOUS	3	QUARTERLY	QUARTERLY	-	-	-	X	X	X	X	X	X	
GENERAL:													
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-	
SEFOR													
BOTTOM SEDIMENT (SILT)	3	QUARTERLY	QUARTERLY	-	X	X	X	X	X	X	-	-	A
SOIL	4	QUARTERLY	QUARTERLY	-	X	X	X	X	X	X	-	-	A
BIOTA, WILDLIFE (VEGETATION)	4	QUARTERLY	QUARTERLY	-	X	X	X	X	X	X	-	-	A

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS GS AC MA MN A	A L P H A	B E T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
AND													
BOTTOM SEDIMENT (SILT)	6	SEMIANNUALLY	SEMIANNUALLY	-	X	X	X	X	X	X	-	-	B
SOIL	3	SEMIANNUALLY	SEMIANNUALLY	-	X	X	X	X	X	X	-	-	B
BIOTA,WILDLIFE (VEGETATION)	5	SEMIANNUALLY	SEMIANNUALLY	-	X	X	X	X	X	X	-	-	C
FOOD(CROPS,PROCESSED,ETC)	3	SEMIANNUALLY	SEMIANNUALLY	-	X	X	X	X	X	X	-	-	C
DOMESTIC BRED ANIMALS (BEEF THYROID)	2	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	-	C
WATER													
GENERAL:													
PRECIPITATION	1	(AS AVAILABLE)	(AS AVAILABLE)	-	-	X	X	X	X	X	-	-	C
PUBLIC SUPPLY (GROUND AND SURFACE)	462	(TRIENNIAL)	(TRIENNIAL)	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
SEFOR													
SURFACE	5	QUARTERLY	QUARTERLY	-	X	X	X	X	X	X	-	-	C
AND													
SURFACE	4	SEMIANNUALLY	SEMIANNUALLY	-	X	X	X	X	X	X	-	-	C
GROUND	2	SEMIANNUALLY	SEMIANNUALLY	-	X	X	X	X	X	X	-	-	C

-------NOTES-----
A GAMMA SCAN IF BETA IS HIGH.
B ANALYSIS FOR CE-144, RU-106, ZR-95, MN-54, ZN-65, TH-232, AND BI-214 ALSO.
C ANALYSIS FOR CE-144, RU-106, ZR-95, MN-54, AND ZN-65 ALSO.

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CALIFORNIA													
AIR													
GENERAL:	10	(5/WEEK)	DAILY	X	-	X	-	-	-	-	X	X	A
	2	(7/WEEK)	DAILY	X	-	X	-	-	-	-	X	X	A
	1	(7/WEEK)	DAILY	X	X	X	-	-	-	-	X	X	A
	1	(5/WEEK)	DAILY	X	X	X	-	-	-	-	X	X	A
SOURCE ORIENTED:													
DIABLO CANYON	2	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	
HUMBOLDT BAY	1	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	
SAN ONOFRE	2	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	
RANCHO SECO	1	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	B
DIET													
GENERAL:	20	(21 MEALS)	QUARTERLY	X	-	-	-	X	-	-	X	X	C
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL: PASTEURIZED	10	MONTHLY	MONTHLY	X	-	-	X	X	X	X	X	X	D

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GAMMA	GROSS ALPHA	GROSS BETA	I 131	CS 137	BA 140	K 40	SR 89	SR 90	
(POWDERED)	3	MONTHLY	MONTHLY	X	-	-	X	X	X	X	X	X	
SOURCE ORIENTED:													
DIABLO CANYON													
	2	ANNUALLY	ANNUALLY	X	-	-	X	-	-	-	-	-	
HUMBOLDT BAY													
	2	ANNUALLY	ANNUALLY	X	-	-	X	-	-	-	-	-	
RANCHO SECO													
	3	ANNUALLY	ANNUALLY	X	-	-	X	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:													
(SEWAGE)	20	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
(SEWAGE)	3	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
SAN ONOFRE													
FILM BADGE	11			-	-	-	-	-	-	-	-	-	F
FOOD(CROPS,PROCESSED,ETC) (CUCUMBER, TOMATO, BELL PEPPER, CAULIFLOWER, GREEN CABBAGE)	5	ANNUALLY	ANNUALLY	X	-	X	-	-	-	X	-	-	
DOMESTIC BRED ANIMALS (FEMUR, THYROID (RABBIT))	1	ANNUALLY	ANNUALLY	X	-	-	X	-	-	X	X	X	
SOIL	5	ANNUALLY	ANNUALLY	-	-	-	-	-	-	-	-	-	F
AQUATIC BIOTA (KELP, BASS, SPINEY CRAB, ROCK CRAB, ETC.)	3	ANNUALLY	ANNUALLY	-	-	-	X	-	-	X	-	-	
HUMBOLDT BAY													
AQUATIC BIOTA (BROWN ALGAE)	3	ANNUALLY	ANNUALLY	-	-	X	-	-	-	-	-	-	
DOMESTIC BRED ANIMALS (BOVINE THYROID)	1	ANNUALLY	ANNUALLY	X	-	-	X	-	-	-	-	-	
AQUATIC BIOTA (CRAB, FISH, SHRIMP, GAPER CLAM)	1	ANNUALLY	ANNUALLY	-	-	X	-	-	-	-	-	-	
AQUATIC BIOTA (PACIFIC OYSTER)	1	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	
BOTTOM SEDIMENT	3	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	
DIABLO CANYON													
DOMESTIC BRED ANIMALS (BOVINE THYROID)	1	ANNUALLY	ANNUALLY	X	-	-	X	-	-	-	-	-	
AQUATIC BIOTA (KELP, BROWN ALGAE, ROCKFISH, CLAM, SALMON, ETC.)	7	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	
EXTERNAL RADIATION(TLD)	6	ANNUALLY	ANNUALLY	-	-	-	-	-	-	-	-	-	F
FOOD(CROPS,PROCESSED,ETC) (LEAFY VEGETABLES)	1	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	F
AQUATIC BIOTA (RED ABALONE)	1	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	F
AQUATIC BIOTA (LEAF BARNACLES AND/OR MUSSELS)	1	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	F
AQUATIC BIOTA (ROCKFISH)	1	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	F
BOTTOM SEDIMENT	1	ANNUALLY	ANNUALLY	X	-	-	-	-	-	-	-	-	F
RANCHO SECO													
BIOTA,WILDLIFE (VEGETATION)	3	ANNUALLY	ANNUALLY	X	-	X	X	-	-	-	-	-	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS	Gross A	Gross B	I	Cs	Ba	K	Sr	Sr	
				AC	L	F	1	1	1	4	8	9	
				MA	P	T	9	3	4	0	9	0	
				MN	M	A	1	7	0				
				A	A								
EXTERNAL RADIATION(TLD)	6	ANNUALLY	ANNUALLY	-	-	-	-	-	-	-	-	-	
DOMESTIC BRED ANIMALS	2	ANNUALLY	ANNUALLY	X	-	-	X	-	-	-	-	-	
(GRAZING ANIMAL THYROID)													
SOIL, BOTTOM SEDIMENT (MUD AND SILT)	2	ANNUALLY	ANNUALLY	X	-	X	-	-	-	X	-	-	
WATER													
GENERAL:													
PRECIPITATION	1	(EVERY 24 HOURS WHEN RAIN OCCURS)	(EVERY 24 HOURS WHEN RAIN OCCURS)	-	-	X	-	X	-	-	X	X	G
(WET AND DRY FALLOUT)	3	MONTHLY	MONTHLY	-	-	-	-	X	-	-	X	X	H
PUBLIC SUPPLY (GROUND)	4	MONTHLY	MONTHLY	-	-	X	-	X	-	-	X	X	I
PUBLIC SUPPLY (SURFACE)	7	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	I
PUBLIC SUPPLY (SURFACE)	1	(Q/YEAR)	(Q/YEAR)	-	-	X	-	X	-	-	X	X	I
PUBLIC SUPPLY (SURFACE)	1	(A/YEAR)	(A/YEAR)	-	-	X	-	X	-	-	X	X	I
PUBLIC SUPPLY (SURFACE)	1	(1^{T}/YEAR)	(1^{T}/YEAR)	-	-	X	-	X	-	-	X	X	I
PUBLIC SUPPLY (SURFACE)	1	SEMIANNUALLY	SEMIANNUALLY	-	-	X	-	X	-	-	X	X	I
PUBLIC SUPPLY (SURFACE)	2	(Q/YEAR)	(A/YEAR)	-	-	X	-	X	-	-	X	X	J
PUBLIC SUPPLY (SURFACE)	1	(1^{T}/YEAR)	(1^{6}/YEAR)	-	-	X	-	X	-	-	-	X	J
SOURCE ORIENTED:													
DIABLO CANYON													
SEAWATER	1	ANNUALLY	ANNUALLY	-	-	X	-	-	-	-	-	-	F
HUMBOLDT BAY													
PUBLIC SUPPLY	1	ANNUALLY	ANNUALLY	-	-	X	-	-	-	-	-	-	
SAN ONOFRE													
PUBLIC SUPPLY	2	ANNUALLY	ANNUALLY	-	-	X	-	-	-	-	-	-	
(SECONDARY COOLING)	1	ANNUALLY	ANNUALLY	-	-	X	-	-	-	X	-	-	
RANCHO SECO													
PUBLIC SUPPLY	1	ANNUALLY	ANNUALLY	-	-	X	-	-	-	X	-	-	
(SECONDARY COOLING)	1	ANNUALLY	ANNUALLY	-	-	X	-	-	-	X	-	-	
(OFFSITE DRAINAGE)	2	ANNUALLY	ANNUALLY	-	-	X	-	-	-	X	-	-	

-------NOTES-----
A MONTHLY COMPOSITE--GAMMA SCAN, SR-89, SR-90.
B ANALYSIS FOR 95 ZR-NB ALSO.
C ANALYSIS FOR RA-226, MN-54, 95 ZR-NB, 141-144 CE, NA, CA, AND K ALSO.
D ANALYSIS FOR MN-54, 95 ZR-NB, CA, 10^{6} RU-RH, 141-144 CE ALSO.
E GROSS GAMMA.
F STORED.
G MONTHLY COMPOSITE--CS-137, SR-89, SR-90, MN-54, 95 ZR-NB, 106 RU-RH, AND 141-144 CE.
H MONTHLY COMPOSITE--MN-54, 95 ZR-NB, 106 RU-RH, 141-144 CE.
I YEARLY COMPOSITE--CS-137, SR-89, SR-90, MN-54, 95 ZR-NB, 141-144 CE, AND RA-226.
J YEARLY COMPOSITE--CS-137, SR-90, MN-54, 95 ZR-NB, 141-144 CE, AND RA-226.

COLORADO													
AIR													
GENERAL:	46	(1/4 DAYS)	(1/4 DAYS)	X	X	X	-	-	-	-	-	-	A
SOURCE ORIENTED:													
ROCKY FLATS AND FORT ST. VRAIN NUCLEAR GENERATING PLANT	3	(1/4 DAYS)	(1/4 DAYS)	X	X	X	-	-	-	-	-	-	A

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	Gross A L P H A	Gross B E T A	I 1 3 1	Cs 1 3 7	Ba 1 4 0	K 4 0	Sr 9 0	Sr 9 0	
FORT ST. VRAIN NUCLEAR GENERATING PLANT	4	(1/4 DAYS)	(1/4 DAYS)	X	X	X	-	-	-	-	-	-	B
ROCKY FLATS	15	(1/4 DAYS)	(1/4 DAYS)	X	X	X	-	-	-	-	-	-	A
	11	(1/4 DAYS)	(1/4 DAYS)	X	X	X	-	-	-	-	-	-	A
	4	(1/4 DAYS)	(1/4 DAYS)	X	X	X	-	-	-	-	-	-	A
	9	(1/4R HOUR)	(1/4R HOUR)	X	X	X	-	-	-	-	-	-	B
RULISON PROJECT	8	(1/4 DAYS)	(1/4 DAYS)	X	X	X	-	-	-	-	-	-	A
MILK													
GENERAL:													
	6	MONTHLY	MONTHLY	X	-	-	X	X	X	X	-	-	
	1	MONTHLY	MONTHLY	X	-	-	X	X	X	X	-	-	
	1	MONTHLY	MONTHLY	X	-	-	X	X	X	X	-	-	
SOURCE ORIENTED:													
RULISON PROJECT													
	6	SPORADIC	(AS COLLECTED)	-	-	-	X	X	X	X	-	-	
MISCELLANEOUS													
GENERAL:													
	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													
SURFACE	122	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	C
PUBLIC SUPPLY	451	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-	C
SOURCE ORIENTED:													
ROCKY FLATS													
SURFACE	1	(48 HOURS)	(48 HOURS)	-	X	X	-	-	-	-	-	-	
FORT ST.VRAIN NUCLEAR GENERATING PLANT													
SURFACE	8	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	D
RULISON PROJECT													
SURFACE	24	SPORADIC	SPORADIC	-	X	X	-	-	-	-	-	-	C
URAVAN-URANIUM MILL													
SURFACE	4	(STANDBY)	(STANDBY)	-	-	-	-	-	-	-	-	-	E
SURFACE	3	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	C
GROUND	1	(STANDBY)	(STANDBY)	-	-	-	-	-	-	-	-	-	F
PUBLIC SUPPLY	2	MONTHLY	MONTHLY	-	X	-	-	-	-	-	-	-	F
(EFFLUENT + WASTE WATER)	3	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	C
(SPECIAL H-3 NETWORK)	8	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	G

-------NOTES-----

A GAMMA SCAN IF SAMPLE EXCEEDS NORMAL GROSS ALPHA AND/OR GROSS BETA BACKGROUND CONCENTRATIONS. ALPHA SPECTRUM IF SAMPLE EXCEEDS NORMAL GROSS ALPHA CONCENTRATION.

B GAMMA SCAN IF SAMPLE EXCEEDS NORMAL GROSS ALPHA AND/OR GROSS BETA BACKGROUND CONCENTRATIONS. ALPHA SPECTRUM IF SAMPLE EXCEEDS NORMAL GROSS ALPHA CONCENTRATION. ANALYSIS FOR PU-239 ALSO.

C ANALYSIS FOR RA-226 ALSO.

D ANALYSIS FOR H-3 ALSO.

E ANALYSIS FOR RA-226.

F ANALYSIS FOR U-238 NATURAL SERIES ALSO.

G H-3 ANALYSIS DONE BY NATIONAL ENVIRONMENTAL RESEARCH CENTER (LAS VEGAS, NEVADA).

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS GS ACMAMNA	GROSS ALPHA	GROSS BETA	GROSS I131	GROSS CS137	GROSS BA140	GROSS K40	GROSS SR89	GROSS SR90	
CONNECTICUT													
AIR													
GENERAL:													
	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:													
PASTEURIZED	(A)	MONTHLY	MONTHLY	-	-	-	X	X	X	-	X	X	
SOURCE ORIENTED:													
HADDAM NECK													
RAW (RAW MILK FROM FARM)	3	QUARTERLY	QUARTERLY	-	-	-	X	X	X	X	X	X	
MILLSTONE STATION													
RAW (RAW MILK FROM FARM)	3	QUARTERLY	QUARTERLY	-	-	-	X	X	X	X	X	X	
MISCELLANEOUS													
GENERAL:													
(SEWAGE)	3	ANNUALLY	ANNUALLY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
HADDAM NECK													
BOTTOM SEDIMENT	4	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	-	
AQUATIC BIOTA (FISH)	1	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	-	
FOOD(CROPS,PROCESSED,ETC)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	-	
(FODDER)													
MILLSTONE STATION													
BOTTOM SEDIMENT	5	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	
AQUATIC BIOTA (SHELLFISH)	2	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	-	
FOOD(CROPS,PROCESSED,ETC)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	-	
(FODDER)													
NUCLEAR SUBMARINE FACILITIES IN NEW LONDON HARBOR													
BOTTOM SEDIMENT	7	(2/QUARTER)	(2/QUARTER)	X	-	X	-	-	-	-	-	-	
WATER													
GENERAL:													
PUBLIC SUPPLY (RESERVOIR)	6	(3/YEAR)	(3/YEAR)	-	X	X	-	-	-	-	-	-	
(RIVER WATER)	7	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	B
(RIVER WATER)	14	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	
SEAWATER	1	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	B
SOURCE ORIENTED:													
HADDAM NECK													
PUBLIC SUPPLY (RESERVOIR)	6	(3/YEAR)	(3/YEAR)	-	X	X	-	-	-	-	-	-	
(RIVER WATER)	6	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	B
(WELL WATER)	4	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	B
MILLSTONE STATION													
PUBLIC SUPPLY (RESERVOIR)	3	(3/YEAR)	(3/YEAR)	-	X	X	-	-	-	-	-	-	
SEAWATER	6	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	C
(WELL WATER)	1	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	B
NUCLEAR SUBMARINE FACILITIES IN NEW LONDON HARBOR													
SEAWATER	7	(2/QUARTER)	(2/QUARTER)	X	-	X	-	-	-	-	-	-	D
UNITED NUCLEAR CORPORATION													
PUBLIC SUPPLY (RESERVOIR)	2	(3/YEAR)	(3/YEAR)	-	X	X	-	-	-	-	-	-	
(RIVER WATER)	1	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	
COMBUSTION ENGINEERING AND SIC PROTOTYPE REACTOR													
(RIVER WATER)	2	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	B

-------NOTES-----

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BS	A	B	I	Cs 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
				AC	L	P	1	1	1	4	8	9	
				MA	P	T	3	3	4	0	9	0	
				MN	M	A	1	7	0				
				A	A								

A PASTEURIZED MILK IS COLLECTED MONTHLY FROM SEVERAL DISTRIBUTORS AND THEN COMBINED AS A COMPOSITE SAMPLE REPRESENTATIVE OF MILK SOLD IN THE CENTRAL AREA OF THE STATE.
B ANALYSIS FOR H-3 ALSO.
C GAMMA SPECTRUM ON SAMPLE FROM MILLSTONE QUARRY OUTFALL. ANALYSIS FOR H-3 ALSO.
D GAMMA SPECTRUM ON SAMPLE FROM ELECTRIC BOAT DIV. RAD. WASTE FACILITY.

****

DELAWARE

AIR

GENERAL:

	0			-	-	-	-	-	-	-	-	-		

MILK

GENERAL:

	3	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	X		

SOURCE ORIENTED:

	6			-	-	-	-	-	-	-	-	-		

MISCELLANEOUS

GENERAL:

BOTTOM SEDIMENT	14	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-		
BIOTA,WILDLIFE	14	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-		

SOURCE ORIENTED:

	0			-	-	-	-	-	-	-	-	-		

WATER

GENERAL:

SURFACE	14	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-		
GROUND	6	ANNUALLY	ANNUALLY	-	X	X	-	-	-	-	-	X	A	

SOURCE ORIENTED:

	0			-	-	-	-	-	-	-	-	-		

-------NOTES-----
A ANALYSIS FOR RA-226 ALSO.

****

DISTRICT OF COLUMBIA

AIR

GENERAL:

	1	DAILY	DAILY	-	-	X	-	-	-	-	-	-		

SOURCE ORIENTED:

	0			-	-	-	-	-	-	-	-	-		

MILK

GENERAL:

	0			-	-	-	-	-	-	-	-	-		

MISCELLANEOUS

GENERAL:

	0	(AS NEEDED)		-	-	-	-	-	-	-	-	-		

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	Gross A L P H A	B F T A	I 1 3 1	Cs 1 3 7	Ba 1 4 0	K 4 0	Sr 8 9	Sr 9 0	
WATER													
GENERAL:													
SURFACE	1	DAILY	DAILY	-	X	X	-	-	-	-	-	-	
PUBLIC SUPPLY	2	DAILY	DAILY	-	X	X	-	-	-	-	-	-	
(SEWAGE INFLUENT)	1	DAILY	WEEKLY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
	0			-	-	-	-	-	-	-	-	-	
FLORIDA													
AIR													
GENERAL:													
	2	(3/WEEK)	(3/WEEK)	-	X	X	-	-	-	-	-	-	A
SOURCE ORIENTED:													
TURKEY POINT													
	8	WEEKLY	WEEKLY	X	-	X	X	-	-	-	-	-	B
CRYSTAL RIVER													
	5	WEEKLY	WEEKLY	X	-	X	X	-	-	-	-	-	B
CAPE KENNEDY													
	1	(3/WEEK)	(3/WEEK)	-	-	X	-	-	-	-	-	-	A
HUTCHINSON ISLAND													
	8	WEEKLY	WEEKLY	X	-	-	X	-	-	-	-	-	C
MILK													
GENERAL:													
RAW	6	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X	
SOURCE ORIENTED:													
CRYSTAL RIVER													
RAW	1	QUARTERLY	QUARTERLY	-	-	-	X	X	X	X	X	X	
HUTCHINSON ISLAND													
RAW	6	QUARTERLY	QUARTERLY	-	-	-	X	X	X	X	X	X	
MISCELLANEOUS													
SOURCE ORIENTED:													
TURKEY POINT													
BIOTA,WILDLIFE	17	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	X	
AQUATIC BIOTA (SARGASSUM)	8	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
BIOTA,WILDLIFE (MANGROVE)	7	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	X	
AQUATIC BIOTA (ALGAE FRESH WATER)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
BIOTA,WILDLIFE (TURTLE GRASS)	7	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
EXTERNAL RADIATION(TLD)	11	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	D
EXTERNAL RADIATION(ION CHAMBER)	8	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	D
SOIL	11	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
BOTTOM SEDIMENT (SILT)	17	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	X	
BIOTA,WILDLIFE (SMALL ANIMAL)	1	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
FOOD(CROPS,PROCESSED,ETC) (FOOD CROPS)	5	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
CRYSTAL RIVER													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BETA	GROSS ALPHA	H-3	I-131	CS-137	BA-140	K-40	SR-89	SR-90	
AQUATIC BIOTA (OYSTERS)	7	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	X	E
AQUATIC BIOTA (CRABS)	1	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	X	E
SOIL	10	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	-	
BOTTOM SEDIMENT (SILT)	4	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	
BIOTA,WILDLIFE (CITRUS)	1	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	X	
BIOTA,WILDLIFE (VEGETATION)	10	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	-	
EXTERNAL RADIATION(TLD)	5	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	D
HUTCHINSON ISLAND													
EXTERNAL RADIATION(TLD)	8	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	D
BOTTOM SEDIMENT (SILT)	7	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
SOIL	8	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
AQUATIC BIOTA (CRUSTACEA)	9	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	X	
AQUATIC BIOTA (FISH)	9	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	X	
AQUATIC BIOTA (FRESH WATER PLANTS)	2	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
FOOD(CROPS,PROCESSED,ETC) (FOOD CROPS)	6	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	X	
WATER													
GENERAL													
PRECIPITATION	2	(3/MONTH)	(3/MONTH)	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED													
TURKEY POINT													
(BAY WATER)	11	MONTHLY	MONTHLY	X	-	-	-	-	-	-	-	X	F
SURFACE (CANAL)	3	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	F
PUBLIC SUPPLY	1	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	G
GROUND	2	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	G
PRECIPITATION	4	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	G
CRYSTAL RIVER													
SEAWATER	2	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	F
SEAWATER	4	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	F
PUBLIC SUPPLY	4	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	G
SURFACE	4	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	G
GROUND (POTABLE)	1	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	G
GROUND	1	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	G
HUTCHINSON ISLAND													
SEAWATER	9	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	X	G
SURFACE	3	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	G
PUBLIC SUPPLY	4	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	G
PRECIPITATION	4	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	-	G

-------NOTES-----
A SPECIFIC NUCLIDES IF NECESSARY.
B GAMMA SCAN--MONTHLY COMPOSITE, SPECIFIC NUCLIDES IF NECESSARY.
C GAMMA SCAN--MONTHLY COMPOSITE.
D DIRECT RADIATION.
E ANALYSIS FOR P-32 ALSO.
F ANALYSIS FOR H-3, CO-58, AND CO-60 ALSO.
G ANALYSIS FOR H-3 ALSO.

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS ACTIVITY MAN MADE	GROSS ALPHA	GROSS BETA	I 131	CS 137	BA 140	K 40	SR 89	SR 90	
GEORGIA													
AIR													
GENERAL:	3	(3/DAY)	DAILY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
GEORGIA TECH REACTOR	2	(2/WEEK)	(2/WEEK)	-	X	X	-	-	-	-	-	-	
MILK													
GENERAL:				-	-	-	-	-	-	-	-	-	A
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
LOCKHEED RADIATION EFFECTS REACTOR SURFACE	6	WEEKLY	WEEKLY	-	X	X	-	-	-	-	-	-	B

-------NOTES-----
A PROGRAM ON STANDBY SINCE 1964.
B ALSO, CO-60, MN-54, MN-56, NA-24, AND CR-51.

HAWAII													
AIR													
GENERAL:	3	(5/WEEK)	(5/WEEK)	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:	3	ANNUALLY (FREQUENCY IS INCREASED DURING ATMOSPHERIC TESTS)	ANNUALLY (FREQUENCY IS INCREASED DURING ATMOSPHERIC TESTS)	-	-	-	X	X	X	-	-	X	
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													
PUBLIC SUPPLY (GROUND)	20	ANNUALLY	ANNUALLY	-	-	X	X	X	-	-	-	X	A
PUBLIC SUPPLY (SURFACE)	15	ANNUALLY	ANNUALLY	-	-	X	X	X	-	-	-	X	A
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS GS ACMA MNA	A L P H A	B F T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
-------NOTES-----													
A SR-90 ANALYSIS IS DONE ONLY WHEN GROSS BETA INDICATES PROBABILITY OF THE RADIONUCLIDE BEING PRESENT.													
IDAHO													
AIR													
GENERAL:	4	(ALL STANDBY STATIONS WHICH CAN BE ACTIVATED WITHIN A FEW HOURS NOTICE)	(STANDBY)	X	X	X	X	-	-	-	-	-	
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:	3	(ALL STANDBY STATIONS WHICH CAN BE ACTIVATED WITHIN A FEW HOURS NOTICE)	(STANDBY)	-	-	-	X	X	X	X	X	X	
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
ILLINOIS													
AIR													
GENERAL:	2	DAILY	DAILY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED: DRESDEN	1	DAILY	DAILY	-	X	X	-	-	-	-	-	-	
MILK													
GENERAL:		(STANDBY--TO BE COLLECTED SEMIANNUALLY AT FIRST)	(STANDBY)	-	-	-	-	-	-	-	-	-	A
MISCELLANEOUS													
GENERAL: EXTERNAL RADIATION(TLD)	11	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	B
SOURCE ORIENTED: QUAD CITIES EXTERNAL RADIATION(TLD)	8	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	B

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	Gross A L P H A	Gross B F T A	I 1 3 1	Cs 1 3 7	Ra 1 4 0	K 4 0	Sr 8 9	Sr 9 0	
ZION													
EXTERNAL RADIATION(TLD)	7	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	B
DRESDEN													
EXTERNAL RADIATION(TLD)	17	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	B
WATER													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
SHEFFIELD BURIAL SITE													
SURFACE, GROUND	11	QUARTERLY	QUARTERLY	-	X	X	-	X	-	-	-	-	C
QUAD CITIES													
SURFACE	5	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
GROUND	6	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
DRESDEN													
SURFACE	16	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
GROUND	12	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
ZION													
SURFACE	2	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	

-------NOTES-----
A REACTOR-ORIENTED MILK SURVEILLANCE WILL BE INITIATED FOR DRESDEN, QUAD CITIES, AND ZION.
B DIRECT RADIATION (NOBLE GASES).
C SPECIFIC ANALYSIS FOR CS-137 IF GROSS BETA IS GREATER THAN 50 PCI/LITER.

INDIANA														
AIR														
GENERAL:	0			-	-	-	-	-	-	-	-	-		
MILK														
GENERAL:	5	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X		
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-		
MISCELLANEOUS														
GENERAL:	0			-	-	-	-	-	-	-	-	-		
WATER														
GENERAL:														
SURFACE	16	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-		
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-		

IOWA														
AIR														
GENERAL:														

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BETA	H-3	I-131	CS-137	BA-140	K-40	SR-89	SR-90	
SOURCE ORIENTED:	15	(VARIES)	QUARTERLY	-	-	X	-	-	-	-	-	-
MILK	0											
GENERAL:				-	-	-	-	-	-	-	-	-
	2	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	X
SOURCE ORIENTED:	1	(3-5/MONTH)	(3-5/MONTH)	-	-	-	X	X	X	X	-	X
MISCELLANEOUS	0											
GENERAL:				-	-	-	-	-	-	-	-	-
WATER	0											
GENERAL:				-	-	-	-	-	-	-	-	-
SURFACE	19	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	A
PRECIPITATION	2	(AS AVAILABLE)	(AS COLLECTED)	-	X	X	-	-	-	-	-	A
PUBLIC SUPPLY (DRINKING WATER SUPPLIES)	1098	ANNUALLY	(ON DEMAND)	-	X	X	X	X	-	-	X	R
SOURCE ORIENTED:												
	0			-	-	-	-	-	-	-	-	-

-------NOTES------
A ANALYSIS FOR H-3 ALSO.
R ANALYSIS FOR I-131, CS-137, AND SR-90 AT SELECTED SITES.

****

KANSAS												
AIR												
GENERAL:												
SOURCE ORIENTED:	1	DAILY	DAILY	-	-	X	-	-	-	-	-	A
MILK	0											
GENERAL:				-	-	-	-	-	-	-	-	
PASTEURIZED	6	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	-
SOURCE ORIENTED:												
COOPER NUCLEAR STATION RAW	1	(EVERY OTHER MONTH)	(EVERY OTHER MONTH)	-	-	-	X	X	X	X	-	-
MISCELLANEOUS												
GENERAL:												
BIOTA, WILDLIFE, SOIL (SOIL AND VEGETATION)	4	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	X	-	X	-	X	R
EXTERNAL RADIATION(TLD)	7	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	-
SOURCE ORIENTED:												
RESEARCH REACTORS, HOSPITALS, COLEMAN CO. (EFFLUENT STUDIES)	4	QUARTERLY	QUARTERLY	-	X	X	X	-	-	-	-	-	C
WATER												

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	GROSS A L P H A	R A D I U M	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
GENERAL:													
SURFACE	28	MONTHLY	MONTHLY	-	X	X	-	X	-	-	-	X	D
GROUND	30	ANNUALLY	ANNUALLY	-	X	X	-	X	-	-	-	X	D
PRECIPITATION	7	QUARTERLY	QUARTERLY	-	X	X	-	X	-	-	-	X	F
SOURCE ORIENTED:													
	0			-	-	-	-	-	-	-	-	-	

-------NOTES-----
A ANALYSIS FOR RN-222 AND TH-220 ALSO.
B ANALYSIS FOR RU-106 ALSO.
C ANALYSIS FOR TH-232 AND TC-99M ALSO.
D ANALYSIS FOR H-3 AND RA-226 ALSO.
F ANALYSIS FOR H-3.

****

KENTUCKY

AIR													
GENERAL:													
	8			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:													
	7	QUARTERLY	QUARTERLY	-	X	X	X	X	X	X	-	-	
SOURCE ORIENTED:													
	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:													
(DUSTFALL)	24	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
NUCLEAR ENGINEERING CORPORATION													
BIOTA:WILDLIFE (VEGETATION)	10	SEMIANNUALLY	SEMIANNUALLY	X	X	X	-	-	-	-	-	-	
BOTTOM SEDIMENT (SILT)	10	SEMIANNUALLY	SEMIANNUALLY	X	X	X	-	-	-	-	-	-	
GASEOUS DIFFUSION PLANT													
BIOTA:WILDLIFE, BOTTOM SEDIMENT (VEGETATION AND SILT)	6	ANNUALLY	ANNUALLY	-	X	X	-	-	-	-	-	-	
WATER													
GENERAL:													
PUBLIC SUPPLY, SURFACE (A)	12	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
NUCLEAR ENGINEERING CORPORATION MOREHEAD													
GROUND	18	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	B
GASEOUS DIFFUSION PLANT													
SURFACE	6	ANNUALLY	ANNUALLY	-	X	X	-	-	-	-	-	-	

-------NOTES-----
A THE STATE IS CONDUCTING A SURVEY OF ALL PUBLIC WATERS TO ESTABLISH THE NATURAL RADIOACTIVITY OF THE RESPECTIVE AREAS. THIS IS NOT A ROUTINE STUDY AND THEREFORE WILL NOT BE REPEATED.

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BETA	I-131	Cs-137	BA-140	K-40	SR-89	SR-90	
B ALSO ANALYSIS FOR RA-226. ANALYSES DONE ON SAMPLES COLLECTED AT 4 SAMPLING LOCATIONS AROUND RADIOACTIVE BURIAL GROUNDS.											
LOUSIANA											
AIR											
GENERAL:	3	(5/WEEK)	(5/WEEK)	-	-	X	-	-	-	-	-
MILK											
GENERAL:	7	(7/MONTH)	(7/MONTH)	-	-	-	X	X	X	X	-
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-
MISCELLANEOUS											
GENERAL:											
FOOD(CROPS,PROCESSED,ETC) (FARM PRODUCE)	5	ANNUALLY (IN SEASON)	ANNUALLY (IN SEASON)	X	X	X	X	X	X	X	-
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-
WATER											
GENERAL:											
SURFACE	17	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-
PUBLIC SUPPLY	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-
PRECIPITATION	3	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-
-------NOTES-----											
A ANALYSIS FOR RU-106, ZR-95, ZN-65, CE-144, AND MN-54 ALSO.											
MAINE											
AIR											
GENERAL:	1	DAILY	DAILY	X	X	X	-	-	-	-	-
SOURCE ORIENTED:											
MAINE YANKEE	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-
MILK											
GENERAL:	0			-	-	-	-	-	-	-	-
SOURCE ORIENTED:											
MAINE YANKEE	1	MONTHLY	MONTHLY	X	-	-	X	X	X	X	X
MISCELLANEOUS											
GENERAL:											

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS GS AC MA MN A	A L P H A	B E T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	GR 8 9	SR 9 0	
	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
MAINE YANKEE													
EXTERNAL RADIATION(TLD)	14	(13 WEEKS)	(13 WEEKS)	-	-	-	-	-	-	-	-	-	A
AQUATIC BIOTA (SEAWEED)	8	MONTHLY	MONTHLY	X	-	-	-	-	-	-	-	-	
BOTTOM SEDIMENT	3	(13 WEEKS)	(13 WEEKS)	X	-	-	-	-	-	-	-	-	
AQUATIC BIOTA (SHELLFISH)	2	(13 WEEKS)	(13 WEEKS)	X	-	-	-	-	-	-	-	-	
FOOD(CROPS,PROCESSED,ETC) (VEGETABLES, HAY, GRASS, APPLES)	1	(IN SEASON)	(IN SEASON)	X	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													
PRECIPITATION	1	DAILY	DAILY	X	-	X	-	-	-	-	-	-	
GROUND (PRIVATE WELLS)	6	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	-	B
SOURCE ORIENTED:													
MAINE YANKEE													
SURFACE (SALT WATER)	9	WEEKLY	WEEKLY	X	-	-	-	-	-	-	-	-	
PUBLIC SUPPLY (SURFACE)	4	WEEKLY	WEEKLY	X	-	X	-	-	-	-	-	-	

-------NOTES-----
A DIRECT RADIATION (3 CHIPS/STATION).
B ANALYSIS FOR RN-222 AND DAUGHTERS ALSO.

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MARYLAND													
AIR													
GENERAL:													
SOURCE ORIENTED:	(A)	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
	3	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
MILK													
GENERAL:													
SOURCE ORIENTED:	1	WEEKLY	WEEKLY	-	-	-	X	X	X	X	X	X	
	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:													
AQUATIC BIOTA (SHELLFISH)	4	(RANDOM)	(RANDOM)	-	-	-	-	-	-	-	X	X	
SOURCE ORIENTED:													
	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													
PRECIPITATION	1	(AS COLLECTED)	(AS COLLECTED)	-	-	X	-	-	-	-	-	-	
SURFACE	3	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	B
PUBLIC SUPPLY	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	B
PUBLIC SUPPLY	1	WEEKLY	WEEKLY	-	X	X	-	-	-	-	-	-	B
SOURCE ORIENTED:													
CALVERT CLIFFS													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BS & MN	A L P H A	B E T A	I 1 3 1	Cs 1 3 7	Ba 1 4 0	K 4 0	Sr 8 9	Sr 9 0	
(CHESAPEAKE BAY SURFACE AND BOTTOM)	5	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	B
GROUND	10	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	B
SURFACE (STREAM)	2	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	B

-------NOTES-----
A 14 INTERMITTENT AND 4 CONTINUOUS.
B ANALYSIS FOR H-3 ALSO.

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MASSACHUSETTS

AIR

GENERAL:

	40	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
	5	(5/WEEK)	DAILY	-	-	X	-	-	-	-	-	-	
	3	(5/WEEK)	WEEKLY	-	-	X	-	-	-	-	-	-	
	7	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
	1	WEEKLY	WEEKLY	X	-	X	X	-	-	-	-	-	A
	1	WEEKLY	WEEKLY	X	-	X	X	-	-	-	-	-	A
SOURCE ORIENTED:				X	-	X	-	-	-	-	-	-	
	0			-	-	-	-	-	-	-	-	-	

MILK

GENERAL:

	1	WEEKLY	WEEKLY	-	-	-	X	X	X	X	-	X	C
SOURCE ORIENTED:													
	0			-	-	-	-	-	-	-	-	-	

MISCELLANEOUS

GENERAL:

AQUATIC BIOTA (SHELLFISH)	1	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	
FOOD(CROPS,PROCESSED,ETC) (CRANBERRIES)	1	(2/YEAR)	(2/YEAR)	-	-	X	-	-	-	-	-	-	

SOURCE ORIENTED:

	0			-	-	-	-	-	-	-	-	-	

WATER

GENERAL:

SURFACE, GROUND	1001	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	

SOURCE ORIENTED:

YANKEE

SURFACE	9	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	D
(REACTOR WASTE)	1	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	B
(REACTOR WASTE)	1	(BEFORE DISCHARGE)	(BEFORE DISCHARGE)	-	-	X	-	-	-	-	-	-	

LOWELL TECHNICAL REACTOR

SURFACE	2	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	

MIT REACTOR

(REACTOR WASTE)	1	(BEFORE DISCHARGE)	(BEFORE DISCHARGE)	-	-	X	-	-	-	-	-	-	

U.S. ARMY MATERIALS TESTING REACTOR

(REACTOR WASTE)	1	(BEFORE DISCHARGE)	(BEFORE DISCHARGE)	-	-	X	-	-	-	-	-	-	

VERMONT YANKEE

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	Gross A L P M A	R P T A	I 1 9 1	Cs 1 3 7	RA 1 4 0	K 4 0	SP 9 0	SR 9 0	
SURFACE (TOP AND BOTTOM)	4	MONTHLY	MONTHLY	-	-	X	X	X	X	-	-	X	B

-------NOTES-----
A ANALYSIS FOR I-131 INITIATED AFTER AN ATMOSPHERIC DETONATION OF A NUCLEAR DEVICE. ANALYSIS FOR H-3 ALSO.
B ANALYSIS FOR H-3 ALSO.
C SR-90--MONTHLY COMPOSITE.
D ANALYSIS FOR H-3 TWICE A YEAR.

MICHIGAN													
AIR													
GENERAL:	1	DAILY	DAILY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
PALISADES REACTOR	4	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	X	-	-	-	-	-	A
ENRICO FERMI	4	CONTINUOUS, WEEKLY	WEEKLY		-	X	X	-	-	-	-	-	A
BIG ROCK POINT	5	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	X	-	-	-	-	-	A
DONALD C. COOK REACTOR	1	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	X	-	-	-	-	-	A
BACKGROUND	1	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	X	-	-	-	-	-	A
MILK													
GENERAL:													
PASTEURIZED	3	(BIWEEKLY)	(BIWEEKLY)	-	-	-	X	X	X	X	-	X	B
PASTEURIZED	2	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	X	B
SOURCE ORIENTED:													
BIG ROCK POINT AND PALISADES PASTEURIZED	2	WEEKLY	WEEKLY	-	-	-	X	X	X	X	-	X	B
ENRICO FERMI PASTEURIZED	1	(BIWEEKLY)	(BIWEEKLY)	-	-	-	X	X	X	X	-	X	B
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
PALISADES REACTOR													
EXTERNAL RADIATION(TLD AND FILM BADGE)	4	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	C
AQUATIC BIOTA	5	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	-	
BIG ROCK POINT													
EXTERNAL RADIATION(TLD AND FILM BADGE)	6	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	C
AQUATIC BIOTA	5	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	-	
ENRICO FERMI													
EXTERNAL RADIATION(TLD AND FILM BADGE)	4	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	C
AQUATIC BIOTA	5	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	-	
DONALD C. COOK REACTOR													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS MN &	GROSS ALPHA	GROSS BETA	I 131	CS 137	RA 140	K 40	SR 89	SR 90	
EXTERNAL RADIATION(TLD AND FILM BADGE)	1	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	C
BACKGROUND EXTERNAL RADIATION(TLD AND FILM BADGE)	1	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	C
WATER													
GENERAL:													
PUBLIC SUPPLY (SURFACE)	37	(ALTERNATE 3-MONTH PERIODS)	(QUARTERLY COMPOSITE OF DAILY SAMPLES)	X	X	X	-	-	-	-	-	-	
PUBLIC SUPPLY (SURFACE)	11	QUARTERLY	(QUARTERLY COMPOSITE OF DAILY SAMPLES)	X	X	X	-	-	-	-	-	-	
SURFACE (RIVER)	45	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
PALISADES REACTOR													
PRECIPITATION	4	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
SURFACE	5	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	-	D
ENRICO FERMI													
PRECIPITATION	4	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
SURFACE	5	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	-	D
BIG ROCK POINT													
PRECIPITATION	5	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
SURFACE	5	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	-	D
DONALD C. COOK REACTOR													
PRECIPITATION	1	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
REACTOR ORIENTED	1	CONTINUOUS, WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	

-------NOTES-----
A GROSS GAMMA ANALYSIS FOR I-131 INVOLVES USING CHARCOAL FILTER ADSORPTION.
B ANALYSIS FOR SR-90 A MINIMUM OF ONCE/MONTH FOR EACH SITE.
C DIRECT GAMMA RADIATION.
D ANALYSIS FOR H-3 ALSO.

****

MINNESOTA													
AIR													
GENERAL:	1	DAILY	DAILY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
MONTICELLO	8	WEEKLY	WEEKLY	X	X	X	X	-	-	-	-	-	A
PRAIRIE ISLAND	9	(BIWEEKLY)	(BIWEEKLY)	X	-	X	X	-	-	-	-	-	B
MILK													
GENERAL:													
PASTEURIZED	8	MONTHLY	MONTHLY	-	-	X	X	-	-	-	-	X	
SOURCE ORIENTED:													
MONTICELLO													
RAW	12	MONTHLY	MONTHLY	-	-	X	X	-	-	-	-	X	
PRAIRIE ISLAND													
RAW	9	MONTHLY	MONTHLY	-	-	X	X	-	-	-	-	X	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS ACMAMN A	GROSS ALPHA	GROSS BETA	I 131	Cs 137	BA 140	K 40	SR 89	SR 90	
ELK RIVER													
RAW	4	QUARTERLY	QUARTERLY	-	-	X	X	-	-	-	-	X	
MISCELLANEOUS													
GENERAL:													
(FALLOUT (POT))	1	MONTHLY	MONTHLY	X	-	X	X	-	-	-	-	X	C
SOURCE ORIENTED:													
MONTICELLO													
AQUATIC BIOTA (AQUATIC INSECTS)	8	QUARTERLY	QUARTERLY	X	-	X	X	X	-	-	-	X	D
AQUATIC BIOTA (AQUATIC VEGETATION)	8	QUARTERLY	QUARTERLY	X	-	X	-	X	-	-	-	X	
AQUATIC BIOTA (PLANKTON, ALGAE OR INSECTS)	8	QUARTERLY	QUARTERLY	X	-	X	X	X	-	-	-	X	D
BOTTOM SEDIMENT	8	(2/YEAR)	(2/YEAR)	X	-	X	-	X	-	-	-	X	
EXTERNAL RADIATION(TLD AND FILM BADGE)	40	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	E
SOIL (TOP SOIL FIELD COMPOSITE)	6	(2/YEAR)	(2/YEAR)	X	-	X	-	X	-	-	-	X	
BIOTA,WILDLIFE (VEGETATION)	3	(2/YEAR)	(2/YEAR)	X	-	X	X	-	-	-	-	-	
FOOD(CROPS,PROCESSED,ETC) (POTATOES, SOYBEANS)	3	ANNUALLY	ANNUALLY	X	-	X	X	X	-	-	-	X	
AQUATIC BIOTA (FISH)	2	QUARTERLY	QUARTERLY	X	-	X	-	-	-	X	-	X	F
AQUATIC BIOTA (CLAMS)	2	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	
(FALLOUT (POT))	1	MONTHLY	MONTHLY	X	-	X	X	-	-	-	-	X	C
PRAIRIE ISLAND													
EXTERNAL RADIATION(TLD AND FILM BADGE)	9	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	E
EXTERNAL RADIATION(TLD AND FILM BADGE)	6	(EVERY 4 WEEKS)	(EVERY 4 WEEKS)	-	-	-	-	-	-	-	-	-	E
BOTTOM SEDIMENT	5	(2/YEAR)	(2/YEAR)	X	-	X	-	-	-	-	-	X	
AQUATIC BIOTA (PLANKTON, ALGAE, OR INSECTS)	5	ANNUALLY	ANNUALLY	X	-	X	X	-	-	-	-	X	D
FOOD(CROPS,PROCESSED,ETC) (AGRICULTURAL CROPS)	3	ANNUALLY	ANNUALLY	X	-	X	X	-	-	-	-	X	
BIOTA,WILDLIFE (FORAGE)	3	(2/YEAR)	(2/YEAR)	X	-	X	X	-	-	-	-	-	
SOIL (TOP SOIL COMPOSITE)	3	(2/YEAR)	(2/YEAR)	X	-	X	-	-	-	-	-	X	
(FALLOUT (POT))	1	(2/YEAR)	(2/YEAR)	X	-	X	-	-	-	-	-	X	
AQUATIC BIOTA (AQUATIC VEGETATION)	5	(2/YEAR)	(2/YEAR)	X	-	X	-	-	-	-	-	X	
AQUATIC BIOTA (FISH)	2	(4/YEAR)	(4/YEAR)	X	-	X	-	-	-	-	-	X	
AQUATIC BIOTA (CLAMS)	2	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	X	
WATER													
GENERAL:													
PUBLIC SUPPLY, SURFACE	5	WEEKLY	(MONTHLY COMPOSITE)	-	X	X	-	-	-	-	-	-	G
PUBLIC SUPPLY, SURFACE	3	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
PUBLIC SUPPLY, SURFACE	1	WEEKLY	WEEKLY	-	X	X	-	-	-	-	-	-	
SURFACE	1	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	X	C
SURFACE	10	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	H
PRECIPITATION		DAILY	DAILY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
MONTICELLO													
SURFACE	2	DAILY	(WEEKLY COMPOSITE)	X	-	-	X	-	-	-	-	X	I

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	Gross AS AC MA MN A	A L P H A	B F T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
SURFACE	1	WEEKLY	WEEKLY	X	-	-	X	-	-	-	-	X	I
SURFACE	6	MONTHLY	MONTHLY	X	-	-	X	-	-	-	-	X	I
GROUND	4	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	X	C
GROUND	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	X	C
PRAIRIE ISLAND													
SURFACE	2	WEEKLY	WEEKLY	X	-	X	-	-	-	-	-	X	J
SURFACE	2	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	X	C
SURFACE	1	MONTHLY	MONTHLY	X	-	X	-	-	-	-	-	X	J
GROUND	9	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	X	C

-------NOTES-----

A GAMMA SCAN DONE ON MONTHLY COMPOSITE OF ALL WEEKLY SAMPLES.
B GAMMA SCAN DONE ON MONTHLY COMPOSITE OF ALL WEEKLY SAMPLES. I-131--MONTHLY.
C ANALYSIS FOR H-3 ALSO.
D I-131 ANALYSIS WILL BE PERFORMED ONCE BEFORE PLANT STARTUP AND YEARLY DURING OPERATIONAL PERIOD.
IF I-131 IS HIGHER THAN EXPECTED, QUARTERLY ANALYSES WILL BE UNDERTAKEN ON INSECT SAMPLES.
F GAMMA-TLD, BETA-GAMMA--FILM BADGE.
F SR-90 IS DETERMINED IN BOTH FISH FLESH AND SKELETON.
G ANALYSIS FOR H-3 EVERY SIX MONTHS.
H MONITORS FOR H-3.
I MONTHLY ANALYSIS FOR GAMMA SCAN; SR-90, AND H-3.
J SR-90 IS ANALYZED QUARTERLY. ANALYSIS FOR H-3 IS CONDUCTED MONTHLY.

MISSISSIPPI										
AIR										
GENERAL										
MILK	0			-	-	-	-	-	-	-
GENERAL										
MISCELLANEOUS	0			-	-	-	-	-	-	-
GENERAL										
WATER	0			-	-	-	-	-	-	-
GENERAL										
	0			-	-	-	-	-	-	-
MISSOURI										
AIR										
GENERAL										
MILK	0			-	-	-	-	-	-	-
GENERAL										
MISCELLANEOUS	0			-	-	-	-	-	-	-
GENERAL										
	0			-	-	-	-	-	-	-

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	OS AC MA MN A	GROSS B E T A	I 131	CS 137	BA 140	K 40	SR 89	SR 90	
WATER												
GENERAL:												
PUBLIC SUPPLY (SURFACE)	14	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	
PUBLIC SUPPLY (SURFACE)	10	(6/YEAR)	(6/YEAR)	-	-	X	-	-	-	-	X	A
PUBLIC SUPPLY (GROUND)	10	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	
PUBLIC SUPPLY (GROUND)	4	(6/YEAR)	(6/YEAR)	-	-	X	-	-	-	-	X	A
PUBLIC SUPPLY (GROUND AND SURFACE)	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	
SOURCE ORIENTED:												
	0			-	-	-	-	-	-	-	-	

.------NOTES-----
A ANALYSIS FOR RA-226 ALSO.

MONTANA												
AIR												
GENERAL:	0			-	-	-	-	-	-	-	-	
MILK												
GENERAL:	0			-	-	-	-	-	-	-	-	
MISCELLANEOUS												
GENERAL:	0			-	-	-	-	-	-	-	-	
WATER												
GENERAL:	0			-	-	-	-	-	-	-	-	

NEBRASKA												
AIR												
GENERAL:	0			-	-	-	-	-	-	-	-	
MILK												
GENERAL:	0			-	-	-	-	-	-	-	-	
MISCELLANEOUS												
GENERAL:	0			-	-	-	-	-	-	-	-	
WATER												
GENERAL:												
PRECIPITATION	1	(AS AVAILABLE)	(AS COLLECTED)	-	X	X	-	-	-	-	-	
SOURCE ORIENTED:												
HALLAM NUCLEAR POWER FACILITY												
SURFACE	2	SEMIANNUALLY	SEMIANNUALLY	-	-	X	-	-	-	-	-	A
GROUND	9	SEMIANNUALLY	SEMIANNUALLY	-	-	X	-	-	-	-	-	A

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS GS AC MA MN A	A L P H A	R E T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
-------NOTES-----													
A THOSE INDIVIDUAL SAMPLES SHOWING HIGH BETA-GAMMA RESULTS ARE GIVEN A GAMMA SPECTRUM ANALYSIS TO ASCERTAIN THE CONTRIBUTOR. A COMPOSITE OF ALL SEMIANNUAL SAMPLES IS GIVEN A GAMMA SPECTRUM ANALYSIS TO DETERMINE THE GROSS GAMMA ACTIVITY.													
NEVADA													
AIR													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
NEW HAMPSHIRE													
AIR													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED: VERMONT YANKEE	6	WEEKLY	WEEKLY	X	-	X	-	-	-	-	-	-	A
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED: VERMONT YANKEE	3	MONTHLY	MONTHLY	X	-	-	-	-	-	-	-	X	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED: VERMONT YANKEE													
FOOD(CROPS,PROCESSED,ETC) (VEGETATION)	(B)	ANNUALLY	ANNUALLY	X	-	X	-	-	-	-	-	-	
BIOTA,WILDLIFE, FOOD(CROPS,PROCESSED,ETC) (PASTEURAGE AND FODDER CROPS)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	X	
(DIET)	2	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	X	
SOIL	4	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	X	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	AS AC MA NN A	Gross A L P H A	B F T A	I 1 3 1	Cs 1 3 7	RA 1 4 0	K 4 0	SR 8 9	SR 9 0	
AQUATIC BIOTA, BOTTOM SEDIMENT (SILT AND BENTHIC ORGANISMS)	2	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	X	
AQUATIC BIOTA (FISH AND SHELLFISH)	2	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	X	
EXTERNAL RADIATION(TLD)	7	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	C
WATER													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
VERMONT YANKEE													
(DRINKING WATER)	1	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	X	
GROUND	1	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	X	
PRECIPITATION	1	CONTINUOUS	QUARTERLY	X	-	X	-	-	-	-	-	X	

------NOTES-----
A COMPOSITE FOR GAMMA SCAN QUARTERLY.
B ONE EACH OF PRINCIPAL AGRICULTURAL CROPS AND FRUIT WITHIN 10-MILE RADIUS OF SITE WITHIN NEW HAMPSHIRE. ONE EACH OF SAME PRINCIPAL CROPS AND FRUIT FROM VICINITY OF CONCORD, NEW HAMPSHIRE.
C GAMMA DOSE QUARTERLY.

****

NEW JERSEY													
AIR													
GENERAL:	1	CONTINUOUS	WEEKLY	X	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
OYSTER CREEK	7	CONTINUOUS	(BIWEEKLY)	X	-	X	X	-	-	-	X	X	A
(GASEOUS DISCHARGES--STACK)	1	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	-	
(AIR PARTICULATES--STACK)	1	QUARTERLY	QUARTERLY	X	-	X	-	-	-	-	-	-	
SALEM	2	CONTINUOUS	(BIWEEKLY)	X	-	X	X	-	-	-	X	X	A
MILK													
GENERAL:	2	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X	
SOURCE ORIENTED:													
SALEM	3	QUARTERLY	QUARTERLY	-	-	-	X	X	X	X	X	X	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
OYSTER CREEK													
BOTTOM SEDIMENT (SILT)	7	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	-	
BOTTOM SEDIMENT (SILT)	8	ANNUALLY	ANNUALLY	X	-	-	-	-	-	-	-	-	
AQUATIC BIOTA (BENTHIC ALGAE)	8	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	-	
AQUATIC BIOTA (FIN FISH, CRABS)	2	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	X	X	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS GS AC MA MN A	A L P M A	B E T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
AQUATIC BIOTA (CLAMS)	6	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	X	X	
FOOD(CROPS,PROCESSED,ETC)	6	ANNUALLY	ANNUALLY	X	-	-	-	-	-	-	X	X	
BIOTA,WILDLIFE (WILDLIFE)	2	ANNUALLY	ANNUALLY	X	-	-	-	-	-	-	-	-	
EXTERNAL RADIATION(TLD)	12	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	
SALEM													
BOTTOM SEDIMENT (SILT)	5	ANNUALLY	ANNUALLY	X	-	-	-	-	-	-	-	-	
FOOD(CROPS,PROCESSED,ETC)	4	ANNUALLY	ANNUALLY	X	-	-	-	-	-	-	X	X	
EXTERNAL RADIATION(TLD)	5	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													
	20	ANNUALLY	ANNUALLY	-	X	X	-	-	-	-	X	X	
(POTABLE)	21	ANNUALLY	ANNUALLY	-	X	X	-	-	-	-	X	X	B
SOURCE ORIENTED:													
OYSTER CREEK													
SURFACE	1	CONTINUOUS	WEEKLY	X	-	-	-	-	-	-	X	X	C
SURFACE	2	MONTHLY	MONTHLY	X	-	-	-	-	-	-	X	X	C
(POTABLE WATER)	11	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	X	X	B
(AQUEOUS DISCHARGES--INHOUSE)	1	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	X	X	C
SALEM													
SURFACE	2	MONTHLY	MONTHLY	X	-	-	-	-	-	-	X	X	C
SURFACE	7	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	X	X	C
(POTABLE WATER)	8	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	X	X	B

-------NOTES-----
A WEEKLY--GROSS BETA AND I-131, QUARTERLY--SR-89 AND SR-90.
B ANALYSIS FOR SR-89 AND SR-90 IF GROSS BETA CONCENTRATION EXCEEDS PERMISSIBLE SR-90 LEVEL. ANALYSIS FOR RA-226 IF GROSS ALPHA CONCENTRATION EXCEEDS PERMISSIBLE RA-226 LEVEL.
C ANALYSIS FOR H-3 ALSO.

****

NEW MEXICO													
AIR													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													
SURFACE	10	(VARIES)	(VARIES, ANALYSIS CONDUCTED BY NATIONAL ENVIRONMENTAL RESEARCH CENTER, LAS VEGAS, NEVADA.)	-	-	-	-	-	-	-	-	-	A
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS GS ACMA MNA	ALPHA	BETA	I131	CS137	BA140	K40	SR89	SR90	
-------NOTES-----													
A ANALYSIS FOR H-3.													
NEW YORK													
AIR													
GENERAL:	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	A
SOURCE ORIENTED:													
CONSOLIDATED EDISON	2	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
NINE MILE POINT	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
R.E. GINNA	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
NUCLEAR FUEL SERVICES (SHUT DOWN FOR INDEFINITE PERIOD)	5	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
	5	WEEKLY	(SEE FOOTNOTE B)	-	-	-	-	-	-	-	-	-	B
	5	(SEE FOOTNOTE B)	(SEE FOOTNOTE B)	-	-	-	-	-	-	-	-	-	B
	5	WEEKLY	WEEKLY	-	-	-	-	-	-	-	-	-	C
CORNELL UNIVERSITY	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
UNITED NUCLEAR	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
UNION CARBIDE	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
MILK													
GENERAL:	1	WEEKLY	WEEKLY	X	-	-	X	X	X	-	X	X	D
	2	(2/MONTH)	(2/MONTH)	X	-	-	X	X	X	-	X	X	E
	2	MONTHLY	MONTHLY	X	-	-	X	X	X	-	X	X	F
SOURCE ORIENTED:													
CONSOLIDATED EDISON	1	MONTHLY	MONTHLY	X	-	-	X	X	X	-	-	X	G
NINE MILE POINT	4	MONTHLY	MONTHLY	X	-	-	X	X	X	-	-	X	G
R.E.GINNA	3	MONTHLY	MONTHLY	X	-	-	X	X	X	-	-	X	G
NUCLEAR FUEL SERVICES (SCHEDULE MAY BE REDUCED UNTIL PLANT GOES BACK INTO OPERATION)	12	MONTHLY	MONTHLY	X	-	-	X	X	X	-	X	-	H
	1	WEEKLY	WEEKLY	X	-	-	X	X	X	-	X	-	I
	8	(1/2 MONTHS)	(1/2 MONTHS)	-	-	-	-	X	X	-	-	-	J
UNION CARBIDE	1	(2/MONTH)	(2/MONTH)	X	-	-	X	X	X	-	-	X	F
	1	(PLANNED)	(PLANNED)	-	-	-	-	-	-	-	-	-	
BROOKHAVEN	3	MONTHLY	MONTHLY	X	-	-	X	X	X	-	-	X	G
MISCELLANEOUS													
GENERAL:													
AQUATIC BIOTA (FISH)	1	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	X	X	-	-	X	F

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA	Gross A L P	B F Y	I 1 3	Cs 1 3	BA 1 4	K 4 0	SR 8 9	SR 9 0	MN A	H A	A		
(FALLOUT)	1	WEEKLY	WEEKLY										X	-	-	-	G
SOURCE ORIENTED:																	
CONSOLIDATED EDISON																	
AQUATIC BIOTA, BIOTA,WILDLIFE (ALGAE OR VEGETATION)	5	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
AQUATIC BIOTA (FISH)	4	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
BOTTOM SEDIMENT	4	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	K
R.E.GINNA																	
AQUATIC BIOTA, BIOTA,WILDLIFE (ALGAE OR VEGETATION)	2	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
AQUATIC BIOTA (FISH)	1	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
BOTTOM SEDIMENT	2	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	K
FOOD(CROPS,PROCESSED,ETC) (CROPS)	(L)	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
NINE MILE POINT																	
AQUATIC BIOTA, BIOTA,WILDLIFE (ALGAE OR VEGETATION)	2	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
AQUATIC BIOTA (FISH)	1	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
BOTTOM SEDIMENT	2	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	K
FOOD(CROPS,PROCESSED,ETC) (CROPS)	(L)	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
SHOREHAM																	
AQUATIC BIOTA (FISH)	1	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
NATIONAL LEAD																	
BOTTOM SEDIMENT	1	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	K
NUCLEAR FUEL SERVICES																	
AQUATIC BIOTA (FISH)	7	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	F
FOOD(CROPS,PROCESSED,ETC) (CROPS)	(L)	ANNUALLY	ANNUALLY										X	-	-	-	F
BIOTA,WILDLIFE (DEER)	(L)	SEMIANNUALLY	SEMIANNUALLY										X	-	-	-	M
BIOTA,WILDLIFE (SMALL GAME)	(L)	(CONTINUOUS DURING SUMMER)	(CONTINUOUS DURING SUMMER)										X	-	-	-	N
(FALLOUT)	1	WEEKLY	WEEKLY										X	-	-	-	G
WATER																	
GENERAL:																	
PUBLIC SUPPLY	1	DAILY	(MONTHLY COMPOSITE)										-	-	X	-	O
PUBLIC SUPPLY (SURFACE)	1	DAILY	(WEEKLY COMPOSITE)										-	-	X	-	P
PUBLIC SUPPLY (SURFACE)	2	WEEKLY	WEEKLY										-	X	X	-	O
PUBLIC SUPPLY (SURFACE)	1	MONTHLY	MONTHLY										-	-	X	-	
SURFACE	1	DAILY	(WEEKLY COMPOSITE)										-	-	X	-	O
SURFACE	2	MONTHLY	MONTHLY										-	-	X	-	
SURFACE	2	MONTHLY	MONTHLY										-	-	X	-	
SURFACE	3	(2/YEAR)	(2/YEAR)										-	-	X	-	
SOURCE ORIENTED:																	
CONSOLIDATED EDISON																	
SURFACE	1	QUARTERLY	QUARTERLY										-	-	X	-	
SURFACE	2	DAILY	(WEEKLY COMPOSITE)										X	-	X	-	O
PUBLIC SUPPLY (TREATED)	2	MONTHLY	MONTHLY										-	-	X	-	
PUBLIC SUPPLY (RAW)	4	MONTHLY	MONTHLY										-	-	X	-	
NINE MILE POINT																	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS ACTIVITY	GROSS ALPHA	GROSS BETA	I 131	CS 137	BA 140	K 40	SR 89	SR 90	
SURFACE	1	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	D
PUBLIC SUPPLY	1	CONTINUOUS	(BIWEEKLY)	-	-	X	-	-	-	-	-	-	D
R.E.GINNA													
SURFACE	1	CONTINUOUS	(WEEKLY COMPOSITE)	-	-	X	X	-	-	-	-	-	L
NUCLEAR FUEL SERVICES (SHUT DOWN FOR AN INDEFINITE PERIOD)													
SURFACE	1	DAILY	DAILY	X	-	X	-	X	X	-	-	X	R
SURFACE	1	WEEKLY	WEEKLY	-	X	X	-	-	-	-	-	X	S
SURFACE	1	WEEKLY	WEEKLY	X	X	X	-	X	X	-	-	X	T
SURFACE	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	X	S
SURFACE	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	D
SURFACE	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	X	D
PUBLIC SUPPLY (SURFACE)	10	ANNUALLY	ANNUALLY	-	-	X	-	-	-	-	-	-	D
CORNELL BURIAL SITE													
SURFACE	10	ANNUALLY	ANNUALLY	-	-	X	-	-	-	-	-	-	D
(WELL)	6	ANNUALLY	ANNUALLY	-	-	X	-	-	-	-	-	-	D
UNION CARBIDE													
SURFACE	1	MONTHLY	MONTHLY	-	-	X	X	-	-	-	-	-	D
PAWLING													
SURFACE	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
KNOLLS ATOMIC POWER LABORATORY													
SURFACE	1	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	D
NATIONAL LEAD													
SURFACE	1	(2/YEAR)	(2/YEAR)	-	X	X	-	-	-	-	-	-	
SHOREHAM													
SURFACE	2	(2/YEAR)	(2/YEAR)	-	-	X	-	-	-	X	-	-	D
BROOKHAVEN													
SURFACE	1	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	D

-------NOTES-----

A ANALYSIS FOR KR-85 ALSO.
B KRYPTON-85 SAMPLE TAKEN AT ONE OF THE FIVE AIR STATIONS DURING A PLANT DISSOLUTION. SITE IS DETERMINED BY WIND DIRECTION. PLUTONIUM ANALYSIS DONE 13 TIMES A YEAR.
C ANALYSIS FOR IODINE-129 BY CHARCOAL CARTRIDGE IS PLANNED.
D SR-89, I-129 AND TRITIUM (HTO)--12 ANALYSES PER YEAR. ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.
E SR-89--12 ANALYSES PER YEAR. ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.
F ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.
G ANALYSIS FOR H-3 (HTO) ALSO. ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.
H ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS. FOUR ANALYSES PER YEAR--IODINE-129 AND TRITIUM.
I ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS. FOUR ANALYSES PER YEAR--IODINE 129, TRITIUM, TWELVE ANALYSES PER YEAR--SR-89.
J ANALYSIS DONE FOR IODINE-129 ALSO.
K ANALYSIS DONE FOR PU AND IU (ISOTOPIC URANIUM) ALSO. ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.
L AROUND VICINITY OF INSTALLATION.
M ANALYSIS FOR IODINE-129, TRITIUM, AND PLUTONIUM ALSO. ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.
N ANALYSIS FOR IODINE-129 ALSO. ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.
O ANALYSIS FOR H-3 (HTO) ALSO.

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BETA	AIR IODINE	CS-137	BA-140	K-40	SR-89	SR-90	
NORTH CAROLINA											
AIR											
GENERAL:											
	1	DAILY	DAILY	X	-	X	X	X	X	X	A
	4	(2/MONTH)	(2/MONTH)	X	-	X	X	X	X	X	B
SOURCE ORIENTED:											
WM.B.MCGUIRE NUCLEAR STATION											
	1	(2/MONTH)	(2/MONTH)	X	-	X	X	X	X	X	B
MILK											
GENERAL:											
	6	MONTHLY (COMPOSITE SAMPLES REPRESENTING MILK SHED FOR THE AREA)	MONTHLY	-	-	-	X	X	X	X	X
SOURCE ORIENTED:											
WM.B.MCGUIRE NUCLEAR STATION											
	1	MONTHLY (COMPOSITE SAMPLES REPRESENTING MILK SHED FOR THE AREA)	MONTHLY	-	-	-	X	X	X	X	X
MISCELLANEOUS											
GENERAL:											
AQUATIC BIOTA (SHELLFISH)	1	(AS AVAILABLE)	(AS COLLECTED)	X	X	X	X	X	X	X	X C
SOURCE ORIENTED:											
NUCLEAR MEDICINE IN HOSPITALS (SEWAGE)	4	MONTHLY	MONTHLY	X	-	-	-	-	-	-	-
WATER											
GENERAL:											
SURFACE	10	MONTHLY	MONTHLY	-	X	X	-	-	-	-	- D
PUBLIC SUPPLY	10	MONTHLY	MONTHLY	-	X	X	-	-	-	-	- E
SOURCE ORIENTED:											
BRUNSWICK NUCLEAR POWER PLANT											
SURFACE	4	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-
WM.B.MCGUIRE NUCLEAR STATION											
SURFACE	2	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-

P ANALYSIS FOR H-3 (HTO) TWELVE TIMES PER YEAR.
Q ANALYSIS FOR H-3 (HTO) 12 TIMES PER YEAR. ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.
R ISOTOPIC GAMMA AND SR-90 DONE IF GROSS BETA IS GREATER THAN 300 PCI/LITER. ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS. ANALYSIS FOR H-3 (HTO) ALSO.
S ANALYSIS FOR IODINE-129 AND H-3 (HTO) ALSO.
T ANALYSIS FOR IODINE-129 AND H-3 (HTO). ISOTOPIC GAMMA NORMALLY INCLUDES RUTHENIUM PLUS ANY OTHER DISCERNIBLE PHOTOPEAKS.

-------NOTES-----
A GAMMA SCAN: I-131, CS-137, BA-140, K-40--GAMMA ANALYSIS ON EACH FILTER EXHIBITING HIGH GROSS BETA READINGS. ANALYSIS FOR RU-106, CE-144, 95 ZR-NB, AND ZN-65 ALSO.
B GAMMA SCAN: I-131--GAMMA ANALYSIS ON AT LEAST ONE FILTER PER MONTH. ANALYSIS FOR RU-106, CE-144, 95 ZR-NB, AND ZN-65 ALSO.
C ANALYSIS FOR RU-106, CE-144, 95 ZR-NB, AND ZN-65 ALSO. UPON COMPLETION OF BRUNSWICK STREAM ELECTRIC PLANT, A REGULAR SHELLFISH SAMPLING PROGRAM WILL BEGIN.

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	GROSS A L P H A	GROSS B E T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 9 5	SR 9 0
D GROSS ALPHA AND BETA ON SUSPENDED AND DISSOLVED SOLIDS FROM 5 SAMPLES/MONTH, BOTH ANALYSES DONE IF GROSS ALPHA-BETA ON TOTAL SOLIDS IS HIGH, IF GROSS BETA IS GREATER THAN 5 PCI/LITER, GAMMA SPECTRUM ANALYSIS FOR CE-144, I-131, RU-106, CS-137, ZR-95, NB-95, MN-54, ZN-65, K-40, BA-140, AND LA-140, AND RADIOCHEMICAL ANALYSIS PERFORMED FOR SR-89 AND SR-90.											
E IF GROSS BETA IS GREATER THAN 5 PCI/LITER, GAMMA SPECTRUM ANALYSIS FOR CE-144, I-131, RU-106, CS-137, ZR-95, NB-95, MN-54, ZN-65, K-40, BA-140, AND LA-140, THE STATE IS CARRYING OUT A SURVEY OF ALL PUBLIC GROUND WATER SUPPLIES.												
NORTH DAKOTA												
AIR												
GENERAL:	9	(30/YEAR)	(30/YEAR)	-	-	X	-	-	-	-	-	-
	6	(61/YEAR)	(61/YEAR)	-	-	X	-	-	-	-	-	-
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-
MILK												
GENERAL:	6	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	-
MISCELLANEOUS												
GENERAL:	0			-	-	-	-	-	-	-	-	-
WATER												
GENERAL:	0			-	-	-	-	-	-	-	-	-
OHIO												
AIR												
GENERAL:	0			-	-	-	-	-	-	-	-	-
MILK												
GENERAL:	0			-	-	-	-	-	-	-	-	-
MISCELLANEOUS												
GENERAL:	0			-	-	-	-	-	-	-	-	-
WATER												
GENERAL:												
SURFACE	19	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-
SOURCE ORIENTED:												
PLUM BROOK REACTOR												
SURFACE	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-
GROUND	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-
AEC-FEED MATERIALS PRODUCTION CENTER												

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS ACTIVITY MAN-MADE	GROSS ALPHA	GROSS BETA	I 131	Cs 137	BA 140	K 40	SR 89	SR 90	
SURFACE	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
AEC MONSANTO RESEARCH CORP													
SURFACE	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
GOODYEAR ATOMIC CORP													
SURFACE	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
BATTELLE MEMORIAL INSTITUTE REACTOR													
SURFACE	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
OKLAHOMA													
AIR													
GENERAL:	97	(10/MONTH)	WEEKLY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:	4	(10/MONTH)	MONTHLY	-	-	X	-	-	-	-	-	-	
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													
SURFACE, GROUND	597	(ONCE EVERY 3 YEARS)	(ONCE EVERY 3 YEARS)	-	X	X	-	-	-	-	-	-	A
SURFACE	32	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	A
SOURCE ORIENTED:													
KERR-MCGEE FACILITIES													
SURFACE	11	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	A
FANSTEEL FACILITIES													
SURFACE	3	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	A

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A ANALYSIS FOR RA-226 ALSO.

OREGON													
AIR													
GENERAL:	2	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
TROJAN	3	QUARTERLY	QUARTERLY	-	-	X	-	-	-	-	-	-	
CHEM NUCLEAR (BURIAL GROUNDS)	1	SEMIANNUALLY	SEMIANNUALLY	-	-	X	-	-	-	-	-	-	
NEVADA TEST SITE	2	DAILY	DAILY	-	-	X	-	-	-	-	-	-	
MILK													
GENERAL:													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS ACMAMN A	Gross ALPHA	RAFTA	I 131	CS 137	BA 140	K 40	SR 89	SR 90	
	6	MONTHLY	MONTHLY	X	-	-	X	X	X	X	-	X	A
SOURCE ORIENTED:													
TROJAN													
	2	(BIWEEKLY)	(BIWEEKLY)	X	-	-	X	X	X	X	-	X	A
	3	QUARTERLY	QUARTERLY	X	-	-	X	X	X	X	-	X	A
OREGON STATE UNIVERSITY REACTOR													
	1	(BIMONTHLY)	(BIMONTHLY)	X	-	-	X	X	X	X	-	X	A
MISCELLANEOUS													
GENERAL:													
BOTTOM SEDIMENT	12	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	X	-	X	-	-	B
BOTTOM SEDIMENT	6	ANNUALLY	ANNUALLY	X	-	-	-	X	-	X	-	-	B
EXTERNAL RADIATION(TLD)	6	SEMIANNUALLY	SEMIANNUALLY	-	-	-	-	-	-	-	-	-	C
SOURCE ORIENTED:													
TROJAN													
BOTTOM SEDIMENT	4	MONTHLY	MONTHLY	X	-	-	-	X	-	X	-	-	D
SOIL	8	QUARTERLY	QUARTERLY	X	-	-	-	X	-	X	-	-	R
BIOTA,WILDLIFE (VEGETATION)	8	QUARTERLY	QUARTERLY	X	-	-	X	X	X	X	-	-	R
AQUATIC BIOTA (ALGAE)	2	MONTHLY (WHEN AVAILABLE)	MONTHLY (WHEN AVAILABLE)	X	-	-	-	X	-	X	-	-	D
AQUATIC BIOTA (ALGAE)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	X	-	-	D
AQUATIC BIOTA (ALGAE)	2	ANNUALLY	ANNUALLY	X	-	-	-	-	-	X	-	-	D
AQUATIC BIOTA (SHELLFISH)	4	QUARTERLY (WHEN AVAILABLE)	QUARTERLY (WHEN AVAILABLE)	X	-	-	-	-	-	X	-	-	E
AQUATIC BIOTA (SHELLFISH)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	X	-	-	E
AQUATIC BIOTA (SHELLFISH)	2	ANNUALLY	ANNUALLY	X	-	-	-	-	-	X	-	-	E
AQUATIC BIOTA (FISH)	2	SEMIANNUALLY	SEMIANNUALLY	X	-	-	X	-	-	X	-	-	F
AQUATIC BIOTA (FISH)	4	ANNUALLY	ANNUALLY	X	-	-	X	-	-	X	-	-	F
EXTERNAL RADIATION(TLD)	12	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	C
CHEM NUCLEAR (BURIAL GROUNDS)													
SOIL	3	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	X	-	X	-	-	B
HANFORD													
AQUATIC BIOTA (ALGAE)	2	QUARTERLY (WHEN AVAILABLE)	QUARTERLY (WHEN AVAILABLE)	X	-	-	-	X	-	X	-	-	D
NATURAL ACTIVITY STUDY (FOR RADIUM, URANIUM, AND THORIUM)													
BOTTOM SEDIMENT	14	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	X	-	X	-	-	B
BOTTOM SEDIMENT	5	ANNUALLY	ANNUALLY	X	-	-	-	X	-	X	-	-	B
WATER													
GENERAL:													
SURFACE	21	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	X	-	-	G
SURFACE	11	ANNUALLY	ANNUALLY	X	X	X	-	-	-	X	-	-	G
PRECIPITATION	1	DAILY (WHEN AVAILABLE)	DAILY (WHEN AVAILABLE)	-	-	X	-	-	-	-	-	-	
PRECIPITATION	2	MONTHLY	MONTHLY	X	X	X	-	-	-	X	-	-	G
(INTERSTATE CARRIERS)	10	ANNUALLY	ANNUALLY	X	X	X	-	-	-	X	-	-	G
SOURCE ORIENTED:													
TROJAN													
SURFACE	4	MONTHLY	MONTHLY	X	X	X	-	-	-	X	-	-	H
GROUND	1	QUARTERLY	QUARTERLY	X	X	X	-	-	-	X	-	-	H
PRECIPITATION	3	QUARTERLY	QUARTERLY	X	X	X	-	-	-	X	-	-	G
HANFORD													
SURFACE	4	QUARTERLY	QUARTERLY	X	X	X	-	-	-	X	-	-	H
NATURAL ACTIVITY STUDY													
GROUND	22	SEMIANNUALLY	SEMIANNUALLY	X	X	X	-	-	-	X	-	-	G

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BETA	ALPHA	I-131	CS-134	RA-226	K-40	SR-89	SR-90	
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A ANALYSIS FOR SR-90 QUARTERLY.												
B ANALYSIS FOR RU-103, RU-106, 95 ZR-NB, AND CO-60 ALSO.												
C INTEGRATED DOSE.												
D ANALYSIS FOR RU-103, RU-106, 95 ZR-NB, CO-60, AND ZN-65 ALSO.												
E ANALYSIS FOR RU-103, RU-106, 95 ZR-NB, AND ZN-65 ALSO.												
F ANALYSIS FOR RU-103, RU-106 AND 95 ZR-NB ALSO.												
G ANALYSIS FOR H-3, RU-103, RU-106, AND 95 ZR-NB ALSO.												
H ANALYSIS FOR H-3, ZN-65, RU-103, RU-106, AND 95 ZR-NB ALSO.												
PENNSYLVANIA												
AIR												
GENERAL:												
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	
PEACH BOTTOM												
(ONSITE PARTICULATE FILTERS)	1	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	X
(OFFSITE PARTICULATE FILTERS)	1	WEEKLY	WEEKLY	-	X	X	-	-	-	-	-	X
THREE MILE ISLAND												
(OFFSITE PARTICULATE FILTERS)	1	WEEKLY	WEEKLY	-	X	X	-	-	-	-	-	X
MILK												
GENERAL:												
SOURCE ORIENTED:	4	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	X
PEACH BOTTOM												
THREE MILE ISLAND	1	QUARTERLY	QUARTERLY	X	-	-	X	X	X	X	-	X
MISCELLANEOUS	1	QUARTERLY	QUARTERLY	X	-	-	X	X	X	X	-	X
GENERAL:												
SOURCE ORIENTED:	0			-	-	-	-	-	-	-	-	
PEACH BOTTOM												
EXTERNAL RADIATION(TLD)	6	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	A
THREE MILE ISLAND												
EXTERNAL RADIATION(TLD)	6	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	A
SAXTON NUCLEAR REACTOR												
EXTERNAL RADIATION(TLD)	6	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	A
NUMEC URANIUM												
BOTTOM SEDIMENT (SILT)	1	SPORADIC	SPORADIC	-	-	-	-	-	-	-	-	A
MOLYBDENUM CORP.												
(SLAG)	1	SPORADIC	SPORADIC	X	X	X	-	-	-	-	-	B
VITRO METALS (URANIUM BURIALS)												
BOTTOM SEDIMENT (SILT)	1			X	X	X	-	-	-	-	-	C
MARTIN MARIETTA (SNAP GENERATOR)												
BIOTA,WILDLIFE, SOIL	1	SPORADIC	SPORADIC	-	-	-	-	-	-	-	-	B
(SOIL, BONES, VEGETATION)				-	-	-	-	-	-	-	X	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	GROSS A L P H A	GROSS B E T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
WATER													
GENERAL:													
SURFACE	30	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	D
SOURCE ORIENTED:													
PEACH BOTTOM													
(ONSITE)	2	QUARTERLY	QUARTERLY	X	X	X	X	X	-	-	-	X	D
(OFFSITE)	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	D
THREE MILE ISLAND													
(ONSITE)	1	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	D
(OFFSITE)	3	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	D
SAXTON NUCLEAR REACTOR													
(ONSITE)	2	QUARTERLY	QUARTERLY	X	X	X	X	X	-	-	-	X	D
(OFFSITE)	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	D
NUMEC URANIUM													
SURFACE	6	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
SHIPPINGPORT													
SURFACE	2	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
WESTINGHOUSE													
SURFACE	6	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
BETTIS LABS													
SURFACE	2	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	

-------NOTES-----
A READOUT.
B ANALYSIS FOR U ALSO.
C ANALYSIS FOR TH ALSO.
D ANALYSIS FOR H-3 ALSO.

****

RHODE ISLAND													
AIR													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
UNITED NUCLEAR CORP.	2	WEEKLY	WEEKLY	-	X	-	-	-	-	-	-	-	
NUCLEAR RESEARCH REACTOR	2	WEEKLY	WEEKLY	X	-	X	X	X	X	X	-	-	A
NUCLEAR SUBMARINE BASE	2	WEEKLY	WEEKLY	X	-	X	X	X	X	X	-	-	A
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
UNITED NUCLEAR CORP. BIOTA,WILDLIFE, SOIL (VEGETATION)	2	SPORADIC	SPORADIC	X	-	-	X	X	X	X	-	-	B
NUCLEAR RESEARCH REACTOR													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BETA	GROSS ALPHA	RA-226	I-131	CS-137	BA-140	K-40	SR-89	SR-90	
BIOTA,WILDLIFE, SOIL (VEGETATION)	2	SPORADIC	SPORADIC	X	-	-	X	X	X	X	-	-	B
NUCLEAR SUBMARINE PROVISION COMMISSARY													
BIOTA,WILDLIFE, SOIL (VEGETATION)	2	SPORADIC	SPORADIC	X	-	-	X	X	X	X	-	-	B
PROPOSED ROWE POINT NUCLEAR POWER REACTOR													
BIOTA,WILDLIFE, SOIL (VEGETATION)	2	SPORADIC	SPORADIC	X	-	-	X	X	X	X	-	-	A
WATER													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
UNITED NUCLEAR CORP.													
SURFACE	2	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	-	B
NUCLEAR RESEARCH REACTOR													
SURFACE	2	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	-	B
NUCLEAR SUBMARINE BASE													
SURFACE	2	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	-	B
PROPOSED ROWE POINT NUCLEAR POWER REACTOR													
SURFACE	2	WEEKLY	WEEKLY	-	-	-	X	X	X	X	-	-	B

** ----NOTES-----
A ANALYSIS FOR CE-144, RU-106, MN-54, SR-125, ZN-65, AND CO-60 ALSO.
B ANALYSIS FOR CE-144, RU-106, MN-54, ZR-95, ZN-65, AND CO-60 ALSO.

SOUTH CAROLINA													
AIR													
GENERAL:	12	WEEKLY	WEEKLY	X	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
	3	WEEKLY	WEEKLY	X	X	X	X	-	-	-	-	X	
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
ALLIED-GULF NUCLEAR SERVICES	2	QUARTERLY	QUARTERLY	X	-	-	X	X	X	X	X	X	
H.B. ROBINSON NUCLEAR POWER PLANT	3	QUARTERLY	QUARTERLY	X	-	-	X	X	X	X	X	X	
OCONEE NUCLEAR STATION	3	QUARTERLY	QUARTERLY	X	-	-	X	X	X	X	X	X	
VIRGIL C. SUMMER NUCLEAR STATION	3	QUARTERLY	QUARTERLY	X	-	-	X	X	X	X	X	X	
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
H.B. ROBINSON NUCLEAR POWER PLANT													
SOIL	4	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	-	

		SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS ACTIVITY MAN-MADE	GROSS ALPHA	GROSS BETA	I 131	CS 137	RA 140	K 40	SR 89	SR 90	
	BOTTOM SEDIMENT (SILT)	2	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
	EXTERNAL RADIATION(TLD)	10	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	A
	BIOTA,WILDLIFE (VEGETATION)	4	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	
	AQUATIC BIOTA (MARINE LIFE)	2	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	
	WESTINGHOUSE FUEL FABRICATION PLANT													
	BOTTOM SEDIMENT (MUD)	1	SEMIANNUALLY	SEMIANNUALLY	-	-	-	-	-	-	-	-	-	B
	EXTERNAL RADIATION(TLD)	1	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	A
	CHEM-NUCLEAR SERVICES SITE NEAR BARNWELL, S.C.													
	SOIL	4	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	-	
	EXTERNAL RADIATION(TLD)	4	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	A
	SAVANNAH RIVER PLANT													
	AQUATIC BIOTA (MARINE LIFE)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	X	-	-	-	-	
	ALLIED-GULF NUCLEAR SERVICES													
	SOIL	8	QUARTERLY	QUARTERLY	X	-	-	-	-	-	-	-	-	
	EXTERNAL RADIATION(TLD)	4	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	A
	BIOTA,WILDLIFE (VEGETATION)	5	(SEASONAL)	(SEASONAL)	X	-	-	-	-	-	-	-	-	
	AQUATIC BIOTA (MARINE LIFE)	2	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	X	-	-	-	-	
WATER														
GENERAL:		0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:														
	H.B. ROBINSON NUCLEAR POWER PLANT													
	SURFACE	15	WEEKLY	WEEKLY	X	X	X	-	-	-	-	-	-	C
	PUBLIC SUPPLY (GROUND)	9	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	C
	WESTINGHOUSE													
	SURFACE	3	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
	SURFACE	9	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-	
	EXTERNAL RADIATION(TLD)	1	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	-	-	A
	CHEM-NUCLEAR SERVICES SITE NEAR BARNWELL, S.C.													
	SURFACE	1	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	
	GROUND	3	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	
	GROUND	3	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	
	PUBLIC SUPPLY (SURFACE)	2	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	C
	SAVANNAH RIVER PLANT													
	SURFACE	2	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	B
	SURFACE	3	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	B
	SURFACE	2	WEEKLY	WEEKLY	X	X	X	-	-	-	-	-	-	
	SURFACE (RAW)	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	C
	ALLIED-GULF NUCLEAR SERVICES													
	SURFACE	5	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	C
	SURFACE	6	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	C
	GROUND (WELL)	2	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	D
	PUBLIC SUPPLY (WELL)	2	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	D
	WM.B.MCGUIRE NUCLEAR STATION													
	SURFACE	3	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	
	PUBLIC SUPPLY	2	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	
	OCONEE NUCLEAR STATION													
	SURFACE	4	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	Gross AS AC MA MN A	A L P H A	B F T A	I 1 3 1	Cs 1 9 7	RA 1 4 0	K 4 0	SR 9 0	SR 9 0	
PUBLIC SUPPLY	4	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	C
VIRGIL C. SUMMER NUCLEAR STATION													
SURFACE	2	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	
PUBLIC SUPPLY	4	QUARTERLY	QUARTERLY	X	X	X	-	-	-	-	-	-	

-------NOTES-----
A DIRECT RADIATION.
B ANALYSIS FOR SPECIAL NUCLIDES.
C ANALYSIS FOR H-3 ALSO.
D ANALYSIS FOR H-3 ALSO.

SOUTH DAKOTA													
AIR													
GENERAL	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL	0			-	-	-	-	-	-	-	-	-	
TENNESSEE													
AIR													
GENERAL	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL													
PASTEURIZED	1	(2/MONTH)	(2/MONTH)	-	-	-	X	X	X	X	X	X	
SOURCE ORIENTED													
OAK RIDGE													
PASTEURIZED	2	(2/MONTH)	(2/MONTH)	-	-	-	X	X	X	X	X	X	
BROWNS FERRY													
PASTEURIZED	1	(2/MONTH)	(2/MONTH)	-	-	-	X	X	X	X	X	X	
SEQUOYAH NUCLEAR PLANT													
	1	(A) MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X	
MISCELLANEOUS													
GENERAL													
	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED													
AMERICAN NUCLEAR CORP.													
SOIL	1	(5/WEEK)	MONTHLY	X	-	-	-	X	-	-	-	-	B
WATER													
GENERAL													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS BETA	GROSS ALPHA	RA-226	I-131	CS-137	BA-140	K-40	SR-89	SR-90	
SURFACE	4	DAILY	MONTHLY	-	X	X	-	-	-	-	-	-	
SURFACE	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
OAK RIDGE													
SURFACE	1	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
SURFACE	1	DAILY	MONTHLY	-	X	X	-	-	-	-	-	-	
SEQUOYAH NUCLEAR PLANT													
SURFACE	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
PUBLIC SUPPLY	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
AMERICAN NUCLEAR CORP.													
SURFACE	1	WEEKLY	WEEKLY	-	X	X	-	-	-	-	-	-	B
PUBLIC SUPPLY	1	DAILY	MONTHLY	X	X	X	-	-	-	-	-	-	C
GROUND	1	WEEKLY	WEEKLY	-	X	X	-	-	-	-	-	-	B
W.R. GRACE CO.													
SURFACE	4	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
SURFACE	1	DAILY	MONTHLY	-	X	X	-	-	-	-	-	-	
NUCLEAR FUEL SERVICES													
SURFACE	2	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-	
SURFACE	1	DAILY	MONTHLY	-	X	X	-	-	-	-	-	-	

-------NOTES-----

A SPLIT WITH EASTERN ENVIRONMENTAL RADIATION FACILITY, MONTGOMERY, ALA.

B XY PLOT COMPARISON FOR CO-60 AND CS-137.

C ANALYSIS FOR CO-60 ALSO.

TEXAS													
AIR													
GENERAL:													
	5	DAILY	DAILY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:													
	12	(6/YEAR)	(6/YEAR)	X	-	-	X	X	X	X	X	X	A
	1	MONTHLY	MONTHLY	X	-	-	X	X	X	X	X	X	A
SOURCE ORIENTED:													
TEXAS A & M													
	1	MONTHLY	MONTHLY	X	-	-	X	X	X	X	X	X	A
MISCELLANEOUS													
GENERAL:													
SOIL, BOTTOM SEDIMENT (MUD,SILT,DIRT)	1	(2/YEAR)	(2/YEAR)	X	X	X	-	-	-	-	-	-	
AQUATIC BIOTA (OYSTERS)	4	(2/YEAR)	(2/YEAR)	X	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
TEXAS A & M													
SOIL (MUD,DIRT)	4	(2/YEAR)	(2/YEAR)	X	X	X	-	-	-	-	-	-	
BIOTA,WILDLIFE (VEGETATION)	2	(3/YEAR)	(3/YEAR)	X	X	X	-	-	-	-	-	-	
TODD SHIPYARDS													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS AS AC MA MN A	A L P H A	R F T A	I 1 3 1	Cs 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
SOIL (MUD,DIRT)	2	ANNUALLY	ANNUALLY	X	X	X	-	-	-	-	-	-	
AQUATIC BIOTA (OYSTERS)	2	(2-6/YEAR)	(2-6/YEAR)	X	X	X	-	-	-	-	-	-	
HOUSTON													
SOIL (MUD,DIRT)	20	(2/YEAR)	(2/YEAR)	X	X	X	-	-	-	-	-	-	
BIOTA,WILDLIFE (VEGETATION)	2	(2/YEAR)	(2/YEAR)	X	X	X	-	-	-	-	-	-	
URANIUM DIST.													
SOIL (MUD,DIRT)	8	(3/YEAR)	(3/YEAR)	X	X	X	-	-	-	-	-	-	
AQUATIC BIOTA (OYSTERS)	2	(2/YEAR)	(2/YEAR)	X	X	X	-	-	-	-	-	-	
PANTEX													
SOIL (MUD,DIRT)	2	(2/YEAR)	(2/YEAR)	X	X	X	-	-	-	-	-	-	
WATER													
GENERAL:													
SURFACE	2	(4/YEAR)	(4/YEAR)	X	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
TEXAS A + M													
SURFACE	3	(20-30/YEAR)	(20-30/YEAR)	X	X	X	-	-	-	-	-	-	
SURFACE	2	(4-6/YEAR)	(4-6/YEAR)	X	X	X	-	-	-	-	-	-	
TODD SHIPYARDS													
SEAWATER	3	(2/MONTH)	(2/MONTH)	X	-	X	-	-	-	-	-	-	
UNIVERSITY OF TEXAS													
SURFACE	4	(4/YEAR)	(4/YEAR)	X	X	X	-	-	-	-	-	-	
URANIUM DIST.													
SURFACE	6	MONTHLY	MONTHLY	X	X	X	-	-	-	-	-	-	R
SURFACE	10	(6/YEAR)	(6/YEAR)	X	X	X	-	-	-	-	-	-	R
PUBLIC SUPPLY (MUNICIPAL DRINKING)	30	(2/YEAR)	(2/YEAR)	X	X	X	-	-	-	-	-	-	C
(PRIVATE DRINKING)	50	(1-2/YEAR)	(1-2/YEAR)	X	X	X	-	-	-	-	-	-	C

-------NOTES-----
A ANALYSIS FOR SR-89 WHEN INDICATED.
B ANALYSIS FOR RA-226 AND U-238 ALSO.
C ANALYSIS FOR RA-226 AND U-238 ALSO WHEN INDICATED.

****

UTAH													
AIR													
GENERAL:													
	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
NEVADA TEST SITE													
	18	DAILY	DAILY	-	-	X	-	-	-	-	-	-	
MILK													
GENERAL:													
	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
NEVADA TEST SITE													
	17	(BIWEEKLY--SEE FOOTNOTE A)	(BIWEEKLY--SEE FOOTNOTE A)	-	-	-	X	X	X	X	X	X	A
MISCELLANEOUS													
GENERAL:													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS MA MN A	GROSS ALPHA	GROSS BETA	I 131	Cs 137	BA 140	K 40	SR 89	SR 90	
	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
WASTE WATER TREATMENT PLANTS													
SURFACE (WASTE WATER TREATMENT PLANT OUTFALL, ALL SAMPLES TAKEN ABOVE OUTFALL.)	48	(4/YEAR)	(4/YEAR)	-	X	X	-	-	-	-	-	-	B
(EFFLUENT)	1	(4/YEAR)	(4/YEAR)	-	X	X	-	-	-	-	-	-	

-------NOTES-----
A WHEN A TEST--ATMOSPHERIC OR UNDERGROUND--TAKES PLACE, SAMPLES ARE COLLECTED DAILY UNTIL LEVEL OF CONTAMINATION IS ESTABLISHED.
B ANALYSIS FOR H-3 TO ESTABLISH A BASELINE OF H-3 IN THE ENVIRONMENT.

****

VERMONT													
AIR													
GENERAL:	2	WEEKLY	WEEKLY	X	X	X	-	-	-	-	-	-	A
SOURCE ORIENTED:													
VERMONT YANKEE	6	WEEKLY	WEEKLY	X	X	X	-	-	-	-	-	-	A
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
VERMONT YANKEE	4	MONTHLY	MONTHLY	X	-	-	X	X	X	X	-	X	
MISCELLANEOUS													
GENERAL:													
EXTERNAL RADIATION(TLD)	2	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	B
EXTERNAL RADIATION(TLD)	2	SEMIANNUALLY	SEMIANNUALLY	-	-	-	-	-	-	-	-	-	B
SOURCE ORIENTED:													
VERMONT YANKEE													
EXTERNAL RADIATION(TLD)	11	MONTHLY	MONTHLY	-	-	-	-	-	-	-	-	-	B
EXTERNAL RADIATION(TLD)	6	SEMIANNUALLY	SEMIANNUALLY	-	-	-	-	-	-	-	-	-	B
AQUATIC BIOTA, BOTTOM SEDIMENT (CLAMS, MUD, ETC.)	1	ANNUALLY	ANNUALLY	X	X	X	-	-	-	-	-	-	
BIOTA,WILDLIFE (GRASS, MAPLE SAP)	1	ANNUALLY	ANNUALLY	X	X	X	-	-	-	-	-	-	
AQUATIC BIOTA (FISH)	5	SEMIANNUALLY	SEMIANNUALLY	X	X	X	-	-	-	-	-	-	
FOOD(CROPS,PROCESSED,ETC) (LOCAL CROPS, EGGS)	2	ANNUALLY	ANNUALLY	X	X	X	-	-	-	-	-	-	
BIOTA,WILDLIFE (MUSHROOMS)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	Gross A L P M A	R E T A	I 1 3 1	Cs 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
VERMONT YANKEE													
SURFACE	2	MONTHLY (C)	MONTHLY	X	X	X	-	-	-	-	-	-	A
GROUND	3	MONTHLY (C)	MONTHLY	X	X	X	-	-	-	-	-	-	A
PUBLIC SUPPLY	1	MONTHLY (C)	MONTHLY	X	X	X	-	-	-	-	-	-	A

------NOTES-----
A GAMMA SCAN--QUARTERLY COMPOSITE (SCANS OF AIR FILTERS ARE QUALITATIVE ONLY).
B DIRECT RADIATION.
C RANDOM APPROXIMATELY 40 PRIVATE WATER SUPPLIES HAVE BEEN SAMPLED. ALL SUPPLIES WILL BE SAMPLED AGAIN A[illegible] 6 MONTHS FOLLOWING STARTUP.

****

VIRGINIA													
AIR													
GENERAL:													
	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:													
PASTEURIZED	4	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X	
SOURCE ORIENTED:													
SURRY REACTOR													
RAW	3	MONTHLY	MONTHLY	-	-	-	X	X	X	X	X	X	
MISCELLANEOUS													
GENERAL:													
AQUATIC BIOTA (OYSTERS)	3	SEMIANNUALLY	SEMIANNUALLY	X	-	X	X	X	X	X	-	-	A
BOTTOM SEDIMENT (SILT)	4	(SEMIMONTHLY)	(SEMIMONTHLY)	X	-	X	X	X	X	X	-	-	A
SOURCE ORIENTED:													
SURRY REACTOR													
AQUATIC BIOTA (OYSTERS)	6	MONTHLY	MONTHLY	X	-	X	X	X	X	X	-	-	A
(RANGIA)	3	MONTHLY	MONTHLY	X	-	X	X	X	X	X	-	-	A
BOTTOM SEDIMENT (SILT)	6	MONTHLY	MONTHLY	X	-	X	X	X	X	X	-	-	A
NAVY YARD													
AQUATIC BIOTA (OYSTERS)	1	MONTHLY	MONTHLY	X	-	X	X	X	X	X	-	-	A
D + S PIERS													
AQUATIC BIOTA (OYSTERS)	1	MONTHLY	MONTHLY	X	-	X	X	X	X	X	-	-	A
NEWPORT NEWS SHIPBUILDING + DRY DOCK CO.													
BOTTOM SEDIMENT (SILT)	2	MONTHLY	MONTHLY	X	-	X	X	X	X	X	-	-	
WATER													
GENERAL:													
SURFACE	3	SEMIANNUALLY	SEMIANNUALLY	X	-	X	X	X	X	X	X	X	B
SURFACE	4	MONTHLY	MONTHLY	X	-	X	X	X	-	X	X	X	C
SURFACE	1	SEMIANNUALLY	SEMIANNUALLY	X	-	X	X	X	-	X	X	X	C
PUBLIC SUPPLY	(D)	(3/MONTH)	(3/MONTH)	-	-	X	-	-	-	-	-	-	
GROUND	(D)	(AS AVAILABLE)	(AS AVAILABLE)	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
SURRY REACTOR													
SURFACE	9	MONTHLY	MONTHLY	-	-	X	X	X	X	X	X	X	A
NAVY YARD													
SURFACE	1	MONTHLY	MONTHLY	-	-	X	X	X	X	X	X	X	A

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	Gross A L P M A	B P T A	T 1 1 1	Cs 1 3 3 7	Ba 1 4 0 0	K 4 0	Sr 8 9	Sr 9 0	
D & S PIERS SURFACE	1	MONTHLY	MONTHLY	-	-	X	X	X	X	X	X	X	A

-------NOTES-----
A ANALYSIS FOR 106 RU-RH, ZN-65, AND 95 ZR-NB ALSO.
B ANALYSIS FOR MN-65, 106 RU-RH, ZN-65, AND 95 ZR-NB ALSO.
C ANALYSIS FOR 106 RU-RH AND 95 ZR-NB ALSO.
D VARIES STATEWIDE.

****

WASHINGTON													
AIR													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
MILK													
GENERAL:	2	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	X	A
SOURCE ORIENTED:													
HANFORD	2	(BIMONTHLY)	(BIMONTHLY)	-	-	-	X	X	X	X	-	X	A
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
HANFORD													
AQUATIC BIOTA (SHELLFISH)	1	(BIMONTHLY)	(BIMONTHLY)	-	-	-	-	-	-	X	-	-	B
NUCLEAR SHIPS													
AQUATIC BIOTA (SHELLFISH)	1	ANNUALLY	ANNUALLY	-	-	-	-	-	-	X	-	-	B
BOTTOM SEDIMENT	2	ANNUALLY	ANNUALLY	X	-	X	-	-	-	X	-	-	
WATER													
GENERAL:													
SURFACE	4	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
HANFORD													
SURFACE	1	WEEKLY	WEEKLY	-	-	X	-	-	-	-	-	-	C
SURFACE	1	MONTHLY	MONTHLY	-	-	X	-	-	-	-	-	-	C
NUCLEAR SHIPS													
SURFACE, SEAWATER	1	SEMIANNUALLY	SEMIANNUALLY	X	-	X	-	-	-	-	-	-	

-------NOTES-----
A ANALYSIS FOR ZN-65 ALSO.
B ANALYSIS FOR ZN-65, ZR-95, RU-106, AND P-32 ALSO.
C ANALYSIS FOR SC-46, CR-51, ZN-65, ZR-95, RU-106, AND P-32 ALSO.

****

WEST VIRGINIA													
AIR													
GENERAL:				-	-	-	-	-	-	-	-	-	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GROSS GS AC MA MN A	A L P H A	R F T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
MILK													
GENERAL:													
	1	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	-	
	1	QUARTERLY	QUARTERLY	-	-	-	-	-	-	-	X	X	
SOURCE ORIENTED:													
	0			-	-	-	-	-	-	-	-	-	
MISCELLANEOUS													
GENERAL:													
	0			-	-	-	-	-	-	-	-	-	
WATER													
GENERAL:													
(INTERSTATE CARRIERS)	12	ANNUALLY	ANNUALLY	-	X	X	-	-	-	-	-	-	
PUBLIC SUPPLY	139	(ONCE/3 YEARS)	(ONCE/3 YEARS)	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
	0			-	-	-	-	-	-	-	-	-	

****

WISCONSIN													
AIR													
GENERAL:													
	1	(5/WEEK)	(5/WEEK)	-	-	X	-	-	-	-	-	-	
	3	WEEKLY	MONTHLY	X	-	X	-	X	-	-	-	-	A
SOURCE ORIENTED:													
GENOA													
POINT BEACH--KEWAUNEE	2	WEEKLY	MONTHLY	X	-	X	-	X	-	-	-	-	A
PRAIRIE ISLAND	4	WEEKLY	MONTHLY	X	-	X	-	X	-	-	-	-	A
	3	WEEKLY	MONTHLY	X	-	X	-	X	-	-	-	-	A
MILK													
GENERAL:													
	6	WEEKLY	WEEKLY	-	-	-	X	X	X	X	-	X	B
SOURCE ORIENTED:													
GENOA													
POINT BEACH--KEWAUNEE	1	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	X	
PRAIRIE ISLAND	1	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	X	
	1	MONTHLY	MONTHLY	-	-	-	X	X	X	X	-	X	
MISCELLANEOUS													
GENERAL:													
BOTTOM SEDIMENT (SILT)	2	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-	
SOIL	3	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-	
SOURCE ORIENTED:													
GENOA													
BOTTOM SEDIMENT (SILT)	4	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-	
SOIL	8	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-	
BIOTA,WILDLIFE (VEGETATION)	8	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-	

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS AC MA MN A	GROSS A L P H A	R E T A	I 1 3 1	CS 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0
POINT BEACH--KEWAUNEE												
SOIL	11	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-
BIOTA,WILDLIFE (VEGETATION)	11	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-
AQUATIC BIOTA (ALGAE)	1	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-
PRAIRIE ISLAND												
BOTTOM SEDIMENT (SILT)	2	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-
SOIL	6	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-
BIOTA,WILDLIFE (VEGETATION)	6	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-
WATER												
GENERAL:												
SURFACE	10	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	-
PRECIPITATION	4	(AFTER EACH RAIN GREATER THAN 0.1 INCH)	(AFTER EACH RAIN GREATER THAN 0.1 INCH)	-	-	X	-	-	-	-	-	-
SOURCE ORIENTED:												
GENOA												
SURFACE	5	MONTHLY	MONTHLY	-	X	X	-	-	-	-	-	X
SURFACE	2	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	X	-	-	-	-
PRECIPITATION	1	(AFTER EACH RAIN GREATER THAN 0.1 INCH)	(AFTER EACH RAIN GREATER THAN 0.1 INCH)	-	-	X	-	-	-	-	-	-
GROUND	3	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-
POINT BEACH--KEWAUNEE												
SURFACE	5	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	X	-	-	-	X
PRECIPITATION	4	(AFTER RAIN GREATER THAN 0.1 INCH)	(AFTER RAIN GREATER THAN 0.1 INCH)	-	-	X	-	-	-	-	-	-
GROUND	6	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-
PRAIRIE ISLAND												
SURFACE	5	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	X	-	-	-	X
PRECIPITATION	3	(AFTER EACH RAIN GREATER THAN 0.1 INCH)	(AFTER EACH RAIN GREATER THAN 0.1 INCH)	-	-	X	-	-	-	-	-	-
GROUND	3	SEMIANNUALLY	SEMIANNUALLY	-	X	X	-	-	-	-	-	-

-------NOTES-----
A ANALYSIS FOR GROSS BETA WEEKLY.
B ANALYSIS FOR SR-90 MONTHLY.

WYOMING													
AIR													
GENERAL:	0			-	-	-	-	-	-	-	-	-	-
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	-
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	-
WATER													
GENERAL:													
SURFACE	28	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	-

	SITES	COLLECTION FREQUENCY	ANALYSIS FREQUENCY	GS MA MN	Gross A L P H A	R F T A	I 1 3 1	Cs 1 3 7	BA 1 4 0	K 4 0	SR 8 9	SR 9 0	
SOURCE ORIENTED:													
SHIRLEY URANIUM SURFACE	3	QUARTERLY	QUARTERLY	-	X	X	-	-	-	-	-	-	
PUERTO RICO													
AIR													
GENERAL	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
REACTOR ORIENTED	2	(3/WEEK)	(3/WEEK)	-	-	X	-	-	-	-	-	-	
MILK													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
SOURCE + FALLOUT ORIENTED													
PASTEURIZED	4	WEEKLY	WEEKLY	-	-	-	X	X	X	X	X	X	A
PASTEURIZED	4	WEEKLY	WEEKLY	-	-	-	X	X	X	X	X	X	A
MISCELLANEOUS													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
REACTOR SOURCE													
BIOTA,WILDLIFE (MIXED LEAVES, SUGAR CANE LEAVES)	2	WEEKLY	WEEKLY	-	-	X	X	X	X	X	-	-	B
WATER													
GENERAL:	0			-	-	-	-	-	-	-	-	-	
SOURCE ORIENTED:													
REACTOR ORIENTED (SOURCE + FALLOUT)													
PUBLIC SUPPLY	4	MONTHLY	MONTHLY	-	-	X	X	X	X	X	-	-	B
PRECIPITATION	1	MONTHLY	MONTHLY	-	-	X	X	X	X	X	-	-	B

-------NOTES-----
A MONTHLY ANALYSIS FOR SR-89 AND SR-90.
B ANALYSIS FOR CE-144, RU-106, ZR-95, AND ZN-65 ALSO.

SECTION VI

NOISE PROGRAMS

EPA PROGRAM OR OFFICE NAME:

OFFICE OF NOISE ABATEMENT AND CONTROL
OFFICE OF AIR AND WASTE MANAGEMENT
ENVIRONMENTAL PROTECTION AGENCY
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STATUS OF MONITORING AND DATA COLLECTION:

IMPLEMENTATION STAGE

PURPOSE:

THE PURPOSE OF THE PROGRAM IS TO:

1) DEVELOP NOISE PROTECTION CRITERIA, STANDARDS, AND POLICIES.
2) DEVELOP METHODOLOGIES FOR MEASURING AND CONTROLLING NOISE EXPOSURE.
3) DEVELOP RESEARCH REQUIREMENTS FOR EPA NOISE CONTROL AND ABATEMENT PROGRAMS.
4) COORDINATE ALL FEDERAL NOISE CONTROL PROGRAMS.
5) PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL GOVERNMENT NOISE CONTROL PROGRAMS.
6) ESTABLISH AND DIRECT NATIONAL SURVEILLANCE AND MONITORING SYSTEMS FOR MEASURING NOISE LEVELS IN THE ENVIRONMENT.
7) EVALUATE AND ASSESS THE IMPACT OF NEW AND DEVELOPING NOISE CONTROL TECHNOLOGY.

REMARKS:

THE EPA OFFICE OF NOISE ABATEMENT AND CONTROL IS IN THE INITIAL STAGES OF DEVELOPING A NATIONAL ENVIRONMENTAL NOISE MONITORING PROGRAM. THIS MONITORING PROGRAM IS EXPECTED TO BE FULLY OPERATIONAL WITHIN THE NEAR FUTURE.

FEW STATE AND LOCAL GOVERNMENTS HAVE INITIATED ENVIRONMENTAL NOISE MONITORING PROGRAMS. FOR THIS REASON, ONLY THE NAME, TITLE, ADDRESS, AND TELEPHONE NUMBER OF THE INDIVIDUAL RESPONSIBLE FOR THE ENVIRONMENTAL NOISE PROGRAM IS PROVIDED IN THE FOLLOWING LISTING OF STATE AND LOCAL GOVERNMENT ENVIRONMENTAL NOISE MONITORING PROGRAMS.

****

ALL DATA AND INFORMATION CONTAINED IN THIS PORTION OF THE DIRECTORY WERE PROVIDED BY THE EPA OFFICE OF NOISE ABATEMENT AND CONTROL.

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POPULATION IMPACTED BY VARIOUS TYPES OF STATE AND LOCAL NOISE LEGISLATION

		ENABLING ** LEGISLATION		STANDARDS							
				MOTOR VEHICLES		CONSTRUCTION EQUIPMENT		RECREATIONAL VEHICLES		LAND USE	
		S	L	S	L	S	L	S	L	S	L
FY'74	No. Pieces of Legislation	13	100	9	29	0	14	14	10	4	54
	Population Impacted*	87M	46M	50M	16M	0M	14M	75M	5M	41M	25M
FY'75	No. Pieces of Legislation	21	150	13	38	6	21	21	18	13	81
	Population Impacted*	124M	56M	73M	19M	49M	16M	111M	7M	104M	30M
FY'76	No. Pieces of Legislation	30	200	20	61	11	25	26	21	19	83
	Population Impacted*	168M	77M	110M	24M	79M	17M	129M	8M	135M	32M

S - STATES
L - LOCALITIES WITH POPULATIONS OF 75,000 OR MORE
* - POPULATIONS IMPACTED GIVEN IN MILLIONS OF PEOPLE
** - PROVIDES AUTHORITY TO ESTABLISH NOISE CONTROL PROGRAMS

LOCAL JURISDICTIONS WITH INTRUSIVE NOISE SOURCE REGULATIONS

COMMUNITY	HORNS WHISTLES CLAXONS	ELECTRONIC EQUIPMENT	LIGHT HOMEOWNERS RESIDENTIAL EQUIPMENT	MECHANICAL EQUIPMENT (FANS, AIR CONDITIONERS, ETC.)
Boston, MA			X	
Broward County, FL		X		
Burbank, CA				X
Chicago, IL			X	
Cook County, IL			X	
Coral Gables, FL				X
Downey, CA		X		
Grand Rapids, MI			X	
Hollywood, FL				X
Indianapolis, IN		X		
Inglewood, CA	X			X
Lakewood, CO			X	
Madison, WI			X	
Marengo, IL	X	X		X
Milwaukee, WI				X
New York, NY	X			X
Racine, WI		X		X
San Diego, CA	X			
San Francisco, CA	X			
Salt Lake City, UT	X		X	
Torrance, CA	X	X		X
Tucson, AZ	X			

LOCAL JURISDICTIONS WITH STATIONARY NOISE SOURCE REGULATIONS

COMMUNITY	dBA	OCTAVE BAND	OTHER	NOTES
Amarillo, Texas		X		old octave band frequencies
Anaheim, California	X			general regulation - not by zones
Baltimore, Maryland	X			corrections for time duration
Bellevue, Washington	X			
Boston, Massachusetts		X		
Broward County, Florida	X			
Colorado Springs, Colorado	X			
Columbia, South Carolina		X		old octave band frequencies
Cook County, Illinois	X	X		
Coral Gables, Florida		X		
Chicago, Illinois	X	X		
Dayton, Ohio		X		
Fremont, California			X	maximum levels in (20-300Hz, 300-2400, > 2400)
Grand Rapids, Michigan	X	X		
Honolulu, Hawaii		X		old octave band frequencies
Inglewood, California	X			
Kansas City, Missouri		X		old octave band frequencies
Kalamazoo, Michigan	X			includes railroad right-of-way
Lakewood, Colorado			X	maximum levels in dB
Los Angeles, California	X			
Las Vegas, Nevada			X	maximum levels in dB
Madison, Wisconsin			X	maximum levels in dB
Mason County, Washington			X	maximum levels in dB
Miami, Florida		X		old octave band frequencies
Marengo, Illinois	X	X		
Medina, Washington	X			

LOCAL JURISDICTIONS WITH STATIONARY NOISE SOURCE REGULATIONS (CONTINUED)

COMMUNITY	dBA	OCTAVE BAND	OTHER	NOTES
Milwaukee, Wisconsin	X			
Minneapolis, Minnesota	X			
New Orleans, Louisiana		X		old octave band frequencies
Niskayuna, New York			X	maximum level in dB
Oakland, California	X			
Pawtucket, Rhode Island	X			
Pasadena, California			X	maximum level in dB; time corrections
Pontiac, Michigan			X	maximum levels in dB
Orlando, Florida		X		old octave band frequencies
Racine, Wisconsin			X	maximum levels in dB
Richland, Washington		X		old octave band frequencies
Salt Lake City, Utah	X			corrections for time duration
San Diego, California	X			
San Francisco, California	X			
Silverton, Oregon		X		old octave band frequencies
Springfield, Massachusetts		X		old octave band frequencies
Tacoma, Washington		X		old octave band frequencies
Torrance, California			X	maximum levels in dB
Warwick, Rhode Island		X		old octave band frequencies
Westland, Michigan			X	maximum levels in dB
Winston Salem, North Carolina		X		old octave band frequencies
Virginia Beach, Virginia		X		old octave band frequencies
Aspen, Colorado	X			
Boulder, Colorado	X			
Clifton, New Jersey			X	
Glenville, New York			X	maximum level in dB
Indianapolis, Indiana			X	maximum level in dBC

LOCAL JURISDICTIONS WITH CONSTRUCTION NOISE REGULATIONS

COMMUNITY	CONSTRUCTION SITE REGULATION	CONSTRUCTION EQUIPMENT		NOTES
		OPERATION	SALE	
Broward County, Florida	X			
Boston, Massachusetts			X	includes agricultural and commercial equipment
Chicago, Illinois			X	includes agricultural and commercial equipment
Cook County, Illinois			X	includes agricultural and commercial equipment
Grand Rapids, Michigan			X	includes agricultural and commercial equipment
Des Plaines, Illinois			X	includes agricultural and commercial equipment
Lakewood, California	X			uses industrial zoning levels
Madison, Wisconsin		X		includes farm tractors
Minneapolis, Minnesota	X			
New York, New York		X	X	air compressors and paving breakers
Palo Alto, California	X	X		
Pasadena, California	X			
Salt Lake City, Utah			X	includes agricultural and commercial equipment
San Diego, California	X			
San Francisco, California	X			exempts impact tools and emergency construction

LOCAL JURISDICTIONS WITH ACOUSTICAL CRITERIA FOR VEHICLE OPERATIONS AND SALE

COMMUNITY	VEHICLE OPERATION	SALE OF NEW VEHICLES
Anchorage, Alaska	X	X
Birmingham, Michigan	X	
Boston, Massachusetts		X
Boulder, Colorado	X	
Broward County, Florida	X	
Chicago, Illinois	X	X
Colorado Springs, Colorado	X	
Cook County, Illinois	X	X
Kalamazoo, Michigan	X	
Kansas City, Missouri		X
Grand Rapids, Michigan	X	X
Lakewood, Colorado	X	
Lincoln, Nebraska	X	
Marengo, Illinois	X	
Minneapolis, Minnesota	X	
New York, New York	X	
Rockford, Illinois	X	X
Salt Lake City, Utah	X	X
Oahu, Hawaii	X	
Ann Arbor, Michigan	X	
Idaho Falls, Idaho	X	
Cincinnati, Ohio	X	
Peoria, Illinois	X	
Pocatello, Idaho	X	
Pullman, Washington	X	
Omaha, Nebraska	X	
Seattle, Washington	X	
Walla Walla, Washington	X	

STATES WITH ACOUSTICAL CRITERIA FOR THE OPERATION AND SALE OF RECREATIONAL VEHICLES

State	Snowmobiles		Other Recreation Vehicles	
	Operation	Sale	Operation	Sale
California		X		X
Colorado		X		X
Connecticut	X		X	
Iowa	X	X		
Maine		X		
Massachusetts	X	X	X	X
Minnesota		X		
Michigan	X	X		
Montana		X		
New Hampshire	X		X	
New York		X		
Oregon		X	X	
Vermont	X			
Wisconsin		X		

LOCAL JURISDICTIONS WITH ACOUSTICAL CRITERIA
FOR THE OPERATION AND SALE OF RECREATIONAL VEHICLES

Community	Snowmobiles		Other Recreational Vehicles	
	Operation	Sale	Operation	Sale
Anchorage, Alaska	X	X	X	X
Boulder, Colorado	X		X	
Chicago, Illinois	X	X	X	X
Cook County, Il.	X	X	X	X
Kalamazoo, Mi.	X		X	
Grand Rapids, Mi.		X	X	X
Rockford, Illinois	X		X	
Salt Lake City, Ut.		X		X
San Diego, Calif.			X	
San Francisco, Ca.	X			

STATES WITH ACOUSTICAL CRITERIA FOR MOTOR VEHICLE OPERATION AND FOR THE SALE OF NEW VEHICLES

	CA	CO	CT	IN	MN	NB	NV	OR	PA
POSTED SPEED REQUIREMENT									
Heavy Vehicles	X	X	X	X	X	X	X	X	X
Motorcycles	X	X	X	X	X		X	X	X
Light Vehicles	X	X	X	X	X		X	X	X
LEVEL STREET REQUIREMENT									
Heavy Vehicles	X		X						
Motorcycles	X		X						
Light Vehicles	X		X						
STATIONARY REQUIREMENT*									
Heavy Vehicles								X	
Motorcycles								X	
Light Vehicles								X	

* Engine accelerated to maximum rated engine speed

SECTION VII

SOLID WASTE PROGRAMS

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EPA PROGRAM OR OFFICE NAME:

OFFICE OF SOLID WASTE MANAGEMENT
PROGRAMS
ENVIRONMENTAL PROTECTION AGENCY
1835 K STREET N.W.
WASHINGTON, DC 20460

ADDRESS OF DIRECTOR:

SAME AS ABOVE

INQUIRIES ABOUT THE DATA MAY BE SENT TO:

MR. THOMAS A. WHALEN
ADDRESS SAME AS ABOVE

NAME OF DIRECTOR:

DARNAY	ARSEN	DEP. ASST. ADMN.
LAST	FIRST	TITLE

TELEPHONE NUMBER: 202-254-7820

INQUIRIES ABOUT THE DATA MAY BE PHONED TO:

MR. THOMAS A. WHALEN

TELEPHONE NUMBER: 202-254-7424

STATUS OF MONITORING AND DATA COLLECTION:

IMPLEMENTATION STAGE

PURPOSE:

TO DETERMINE A COMPREHENSIVE QUANTITATIVE OVERVIEW OF THE MAGNITUDE OF THE SOLID WASTE MANAGEMENT PROBLEM AND THE CAPACITY OF GOVERNMENTS AT THE NATIONAL, STATE, AND LOCAL LEVELS TO RESOLVE THE PROBLEM.

SPECIFICALLY, THE OFFICE WILL DETERMINE:

1) PRESENT SOLID WASTE MANAGEMENT PRACTICES.
2) THE PORTION OF THE POPULATION SERVED BY ENVIRONMENTALLY SOUND SOLID WASTE MANAGEMENT FACILITIES AND SYSTEMS.
3) THE SOURCES OF UNIFORM DATA NECESSARY FOR MEANINGFUL NATIONAL EVALUATIONS AND INTER-REGIONAL COMPARISONS OF SOLID WASTE MANAGEMENT PROBLEMS AND PRACTICES.
4) PREDICTION AND PLANNING CAPABILITIES FOR FUTURE SOLID WASTE MANAGEMENT NEEDS.
5) THE BASIS FOR FORMULATING AND DEVELOPING FEDERAL LEGISLATION.

REMARKS:

THE OFFICE OF SOLID WASTE MANAGEMENT PROGRAMS WILL COLLECT SYSTEMATICALLY THROUGH SURVEYS AND OTHER DATA-COLLECTION MEANS TECHNICAL, LEGISLATIVE, MANAGERIAL, AND ECONOMIC INFORMATION PERTAINING TO THE PLANNING, FINANCING, AND ADMINISTRATION OF SOLID WASTE MANAGEMENT PRACTICES CARRIED OUT BY STATE AND LOCAL GOVERNMENTS AND BY PUBLIC AND PRIVATE INDUSTRIES.

PARTICULAR DATA-ITEMS THAT WILL BE COLLECTED BY THE OFFICE DURING 1975 INCLUDE:

I. INDICATORS OF THE MAGNITUDE OF THE POTENTIAL SOLID WASTE MANAGEMENT PROBLEM:
   A. WASTE GENERATION AND SOURCES:
      1) POPULATION: METROPOLITAN, URBAN, RURAL, RANK IN NATION, PERCENTAGE OF UNITED STATES
      2) JURISDICTIONS: NUMBER OF SMSA, NUMBER OF COUNTIES, NUMBER OF MUNICIPALITIES
      3) ECONOMIC ACTIVITY: ESTABLISHMENTS, VALUE OF SALES, PRODUCTS, AND

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RANK IN NATION OF: WHOLESALE, RETAIL, INDUSTRY, AGRICULTURE, MINERAL, AND INSTITUTIONS

4) WASTE SOURCES: SEWAGE TREATMENT PLANTS, AIR POLLUTION POINT SOURCES, ANIMAL FEEDLOTS, NEWSPAPERS, AUTOMOBILES

B) CONSTRAINTS ON SITING OF WASTE MENAGEMENT FACILITIES:

1) EXISTING LAND USE: LAND AREA, RANK IN NATION, DENSITY, AREA OF SURFACE WATER, PERCENTAGE OF LAND IN SMSA, PERCENTAGE OF LAND ZONED, PERCENTAGE OWNED BY U.S. GOVERNMENT, PERCENTAGE OF LAND IN FARMS AND VALUE PER ACRE, ACREAGE DISTRIBUTED BY SURFACE MINING

2) HYDRO-GEOLOGICAL: AVERAGE ANNUAL RAINFALL AND EVAPOTRANSPIRATION, GEOLOGIC SUITABILITY FOR DEEP WELL DISPOSAL

3) WATER USE: WITHDRAWAL OF SURFACE AND GROUND WATER FOR DRINKING, GROUND WATER AS PERCENTAGE OF TOTAL WATER USE, PER CAPITA USE

II. INDICATORS OF THE MAGNITUDE OF THE ACTUAL SOLID WASTE MANAGEMENT PROBLEM:

A) WASTE QUANTITIES: HAZARDOUS, RESIDENTIAL, COMMERCIAL, DEMOLITION, ANIMAL MANURE, SEWAGE SLUDGE, RUBBER PRODUCT WASTE, WASTE OIL

B) STORAGE AND TRANSPORT: INCIDENTS OF DAMAGE, REGULATORY ACTIVITIES OF D.O.T. AND STATE P.U.C., EXPENDITURES FOR HIGHWAY LITTER CONTROL

C) LAND DISPOSAL: NUMBER OF APPROVED SITES, PERCENTAGE OF POPULATION SERVED, NUMBER OF HAZARDOUS WASTE SITES APPROVED, NUMBER OF DUMPS, SIZE AND CAPACITY OF SITES, NUMBER OF SITES WITH LEACHATE PROBLEMS, NUMBER WITH MONITORING WELLS, NUMBER OF SITES WITH LEACHATE COLLECTION AND TREATMENT

D) PROCESSING: NUMBER OF HAZARDOUS WASTE AND SLUDGE DRYING LAGOONS, NUMBER OF INCINERATORS OVER 50 TONS PER DAY, NUMBER OF INTERMEDIATE, OPEN PIT AND CONICAL INCINERATORS

III. INDICATORS OF THE POTENTIAL CAPACITY OF THE STATES TO RESOLVE THE PROBLEM:

A) STATE AND LOCAL GOVERNMENT FINANCES:

1) REVENUE: PER CAPITA, PER 1000 DOLLARS OF PERSONAL INCOME, FROM FEDERAL GOVERNMENT AS PERCENTAGE OF TOTAL REVENUES

2) EXPENDITURES: PER CAPITA, RANK IN NATION, PER CAPITA FOR SEWAGE WATER SUPPLY AND SOLID WASTE

B) PERSONAL FINANCES:

1) INCOME: PER CAPITA, RANK IN NATION, PERCENTAGE BELOW POVERTY LEVEL

2) DISPOSABLE: PERCENTAGE OF U.S. EFFECTIVE BUYING INCOME, PERCENTAGE OF U.S. RETAIL SALES

C) EMPLOYMENT: STATE EMPLOYEES PER 10,000 POPULATION, LOCAL GOVERNMENT EMPLOYEES PER 10,000 POPULATION

IV. INDICATORS OF THE ACTUAL CAPACITY OF THE STATES TO RESOLVE THE PROBLEM:

A) ENVIRONMENTAL PROGRAM: TOTAL STAFF, SOLID WASTE STAFF PROFILE, RECOMMENDED SOLID WASTE STAFF, AGENCY (IES) RESPONSIBLE FOR SOLID WASTE, RESOURCE RECOVERY, AND HAZARDOUS WASTE, APPROPRIATE BUDGET DATA

B) PROBLEM DEFINITION: SOLID WASTE MANAGEMENT PLAN COMPLETED, APPROVED, SPECIAL STUDIES, UNIQUE PROGRAMS, TASK FORCES

C) LEGISLATIVE AUTHORITY: SOURCE REDUCTION, RESOURCE RECOVERY NON-HAZARDOUS, HAZARDOUS, AND LAND USE PROVISIONS

D) SURVEILLANCE AND ENFORCEMENT: CRIMINAL, CIVIL, AND ADMINISTRATIVE REMEDIES, SUPPORT FROM ATTORNEY GENERAL, FREQUENCY OF INSPECTIONS, ACTIONS TAKEN

E) GENERAL AUTHORITIES: CREATE DISTRICTS/FRANCHISE AREAS, EMINENT DOMAIN, PUBLIC UTILITIES COMMISSION CONTROLS

V. INDICATORS OF THE CAPACITY OF PRIVATE AND PUBLIC OPERATIONS WITHIN THE STATE TO RESOLVE THE PROBLEM:

A) EQUIPMENT: VEHICLES, SHREDDERS, BALERS, TRANSFER STATIONS

B) EMPLOYMENT: NUMBER OF EMPLOYEES, TRAINING PROGRAMS

C) FINANCING: TAXES AND FEES

VI. INDICATORS OF POTENTIAL RESOURCE RECOVERY:

A) WASTE QUANTITIES: ANIMAL MANURE TONNAGES, SEWAGE SLUDGE QUANTITIES, SIZE OF LAND DISPOSAL SITES, WASTE OIL, NEWSPAPERS

B) POTENTIAL USES: FERTILIZER CONSUMPTION, NATURAL GAS SALES, FOSSIL FUEL PLANTS AND ELECTRIC GENERATION, PROJECTED RESOURCE RECOVERY IMPLEMENTATIONS BY 1980, SMSA/STATE CANDIDATES

VII. INDICATORS OF ACTUAL RESOURCE RECOVERY:

A) LEGISLATION: PLANNING AND/OR REGULATION, OPERATING AUTHORITY, LANDFILL GAS CONTROL, WASTE OIL REGULATION, SOURCE REDUCTION

B) PROGRAMS: ABANDONED VEHICLE, GRANT OR LOAN PROGRAM, RECYCLING FIRMS/CENTERS, MUNICIPAL SOURCE REDUCTION PROGRAMS, MUNICIPAL ENERGY OR MATERIALS RECOVERY PROGRAMS, OIL AND RUBBER RECLAMATION PLANTS, UTILITY ENERGY RECOVERY FACILITIES

VIII. MISCELLANEOUS DATA:

A) TECHNICAL ANALYSIS OF STATE LEGISLATION: LANDFILL DESIGN AND OPERATION, REPROCESSED AND WASTE OIL CONTROL, TECHNICAL ASSISTANCE, FINANCIAL ASSISTANCE, NON-IMPORTATION, MANPOWER DEVELOPMENT, CONTROL OF THE STORAGE, TRANSPORT, PROCESSING, AND DISPOSAL OF HAZARDOUS WASTE, LAND USE CONTROLS, PLANNING AGENCY AUTHORITY

B) STATE GOVERNMENT DATA: SALARY OF CHIEF ENVIRONMENTAL OFFICIAL AND SOLID WASTE PERSONNEL, FREQUENCY OF REGULAR LEGISLATIVE SESSIONS, FISCAL YEAR BEGINS AND FREQUENCY OF BUDGET, LEGISLATIVE COMMITTEES ON THE ENVIRONMENT, GOVERNORS ADVISOR FOR ENVIRONMENTAL AFFAIRS

C) FEDERAL SUPPORT: SUMMARY OF FEDERAL SOLID WASTE SUPPORT TO STATE AND LOCAL PROGRAMS, PER YEAR, TOTAL, PER CAPITA

STATE BREAKDOWNS OF RESPONSES TO THE ABOVE DATA-ITEMS SHOULD BE AVAILABLE BY LATE 1975.

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THE FOLLOWING TABLES REPRESENT A PARTIAL SUMMARY OF CURRENTLY AVAILABLE DATA PROVIDED BY THE OFFICE OF SOLID WASTE MANAGEMENT PROGRAMS.

QUESTIONS ABOUT THE DATA SHOULD BE DIRECTED TO THE APPROPRIATE PERSONNEL IN THE REGIONAL OFFICES PRIOR TO CONTACTING THE OFFICE OF SOLID WASTE MANAGEMENT PROGRAMS IN WASHINGTON, D.C.

STATE LEGISLATION	STATE SOLID WASTE LAW	STATE RULES AND REGULATIONS	DISPOSAL PERMIT REQUIRED	STATE-WIDE RESOURCE RECOVERY PROGRAM
Alabama	x	x	x	
Alaska	x	x	x	
Arizona		x		
Arkansas	x	x	x	
California	x			x
Colorado	x	x	x	
Connecticut	x	x	x	x
Delaware	x	x	x	
District of Columbia		x	x	
Florida	x	x		x
Georgia	x	x	x	
Hawaii	x		x	x
Idaho	x	x		
Illinois	x	x	x	x
Indiana	x	x	x	
Iowa	x	x	x	
Kansas	x	x	x	
Kentucky	x	x	x	
Louisiana		x	x	
Maine	x	x	x	
Maryland	x	x	x	x
Massachusetts	x	x	x	x
Michigan	x	x	x	
Minnesota	x	x	x	x
Mississippi	x	x	x	
Missouri	x	x	x	
Montana	x	x	x	
Nebraska	x	x	x	
Nevada		x		
New Hampshire				
New Jersey	x	x	x	
New Mexico		x	x	
New York	x		x	x
North Carolina	x	x	x	
North Dakota	x			
Ohio	x	x	x	x
Oklahoma	x	x	x	
Oregon	x	x	x	
Pennsylvania	x	x	x	x
Rhode Island	x		x	x
South Carolina	x	x	x	
South Dakota	x		x	
Tennessee	x	x		x
Texas	x	x	x	
Utah		x		
Vermont	x	x		x
Virginia		x	x	
Washington	x		x	x
West Virginia	x	x	x	
Wisconsin	x	x	x	x
Wyoming	x	x		

Source: Office of Solid Waste Management Programs,
U.S. Environmental Protection Agency

STATE	NO. OF COUNTIES PLUS CITIES ABOVE 2500	NO. OF DISPOSAL FACILITIES (1)	NO. OF INDUSTRIES	NO. OF MINES	SOLID WASTE PERSONNEL
Alabama	190	203	4,613	193	2,891
Alaska	44	127	274	14	
Arizona	61	170	1,589	112	
Arkansas	152	300	2,657	92	1,634
California	598	731	31,090	382	5,413
Colorado	127	301	2,442	273	1,761
Connecticut	194	176	5,608	54	3,373
Delaware	17	22	551	11	355
D.C.	1	5	662	1	902
Florida	351	447	7,961	136	7,600
Georgia	306	150	6,674	135	3,986
Hawaii	37	112	694	14	948
Idaho	80	57	1,014	70	247
Illinois	485	716	17,806	329	
Indiana	243	470	6,783	235	4,543
Iowa	210	310	3,192	175	
Kansas	199	543	2,485	123	2,691
Kentucky	223	249	2,907	716	1,704
Louisiana	176	269	3,468	86	3,215
Maine	130	363	2,029	23	514
Maryland	149	167	3,455	101	3,113
Massachusetts	333	442	10,554	92	4,865
Michigan	315	1,063	13,633	213	6,576
Minnesota	240	543	5,236	146	760
Mississippi	165	347	2,591	48	1,975
Missouri	281	472	6,429	285	2,574
Montana	89	107	817	75	352
Nebraska	143	617	1,635	97	
Nevada	35	108	323	121	
New Hampshire	84	180	1,356	20	
New Jersey	308	522	14,231	118	8,712
New Mexico	73	118	768	109	844
New York	493	963	40,134	244	38,351
North Carolina	238	484	8,041	118	5,557
North Dakota	71	412	431	42	481
Ohio	441	706	15,297	548	9,916
Oklahoma	178	301	2,668	84	2,554
Oregon	108	216	4,212	97	1,024
Pennsylvania	516	766	18,288	1,123	19,133
Rhode Island	48	64	2,624	17	971
South Carolina	146	272	3,359	43	3,133
South Dakota	93	387	554	35	506
Tennessee	200	274	4,880	277	4,110
Texas	627	887	12,471	271	10,072
Utah	82	170	1,122	143	
Vermont	61	183	823	31	
Virginia	241	249	4,568	522	4,201
Washington	145	365	4,719	116	1,507
West Virginia	108	191	1,705	705	1,877
Wisconsin	223	839	7,441	181	4,100
Wyoming	43	68	317	69	

(1) 1968 data

Source: Office of Solid Waste Mangement Programs, U.S. Environmental Protection Agency

STATE	MUNICIPAL INCINERATORS 50 TONS/DAY & OVER (1)	INTERMEDIATE SIZE INCINERATORS 50-4000 LBS/HOUR (1)	SHREDDERS (2)
Alabama		500	2
Alaska		50	
Arizona		835	
Arkansas		335	
California		1,453	7
Colorado		936	4
Connecticut	17	2,090	4
Delaware		570	1
District of Columbia	1	1,018	
Florida	14	693	3
Georgia	2	781	6
Hawaii	3	231	
Idaho		451	
Illinois	8	17,653	4
Indiana	1	5,171	3
Iowa		1,065	3
Kansas		598	
Kentucky	7	821	3
Louisiana	8	362	
Maine		198	1
Maryland	4	2,537	2
Massachusetts	21	3,614	2
Michigan	4	4,951	2
Minnesota		3,712	
Mississippi		434	
Missouri	2	2,349	3
Montana		686	2
Nebraska		640	1
Nevada		305	
New Hampshire	3	203	
New Jersey	5	2,899	1
New Mexico		259	
New York	44	5,668	13
North Carolina		708	1
North Dakota		207	1
Ohio	14	8,246	6
Oklahoma		705	
Oregon		1,512	1
Pennsylvania	11	4,959	4
Rhode Island	4	194	1
South Carolina		216	5
South Dakota		119	
Tennessee		833	
Texas	2	4,541	4
Utah	1	1,508	
Vermont		149	1
Virginia	6	1,666	4
Washington		2,781	5
West Virginia		381	
Wisconsin	10	4,558	4
Wyoming		243	

(1) 1973 data
(2) 1974 data
Source: Office of Solid Waste Management Programs, U.S. Environmental Protection Agency

EXISTING OR POTENTIAL FEDERAL AND STATE

HAZARDOUS WASTE TREATMENT AND DISPOSAL SITES**

Existing sites operated by the U.S. Atomic Energy Commission:

Colorado	Rocky Flats Plant, Jefferson County
Idaho	National Reactor Testing Station, Bingham County
Nevada	Nevada Test Site, Nye County
New Mexico	Los Alamos Scientific Laboratory, Los Alamos County
Ohio	Fernald, Butler/Hamilton Counties
South Carolina	Savannah River Plant, Aiken County
Tennessee	Oak Ridge, Anderson County
Texas	Pantex Plant, Randall County
Washington	Hanford Works, Benton County

Existing sites operated by the U.S. Department of Defense:

Alabama	Anniston Army Depot
Arkansas	Pine Bluff Arsenal
Colorado	Pueblo Army Depot
	Rocky Mountain Arsenal
Indiana	Newport Army Ammunition Plant
Kentucky	Lexington Bluegrass Army Depot
Maryland	Edgewood Arsenal
Oregon	Umatilla Army Depot
Utah	Tooele Army Depot

State-licensed radioactive waste sites:*

Kentucky	Morehead
Nevada	Beatty
New York	West Valley
South Carolina	Barnwell
Washington	Hanford Works

* The Sheffield, Illinois, site is directly licensed through the U.S. Atomic Energy Commission but is not operated by AEC.

** Hazardous waste includes toxic chemical, biological, radioactive, flammable and explosive wastes.

Source: Office of Solid Waste Management Programs, Report to Congress: Disposal of Hazardous Wastes, 30 June 1973